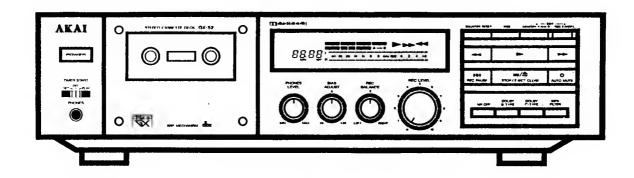
# AKAI SERVICE MANUAL



# STEREO CASSETTE DECK MODEL GX-52

# **SPECIFICATIONS**

Track system ······	· 4 track 2 channel stereo	T.H.D Less than 0.8%
Heads ·····	· Twin field supper GX head for	Frequency response
	Recording and Playhack x 1	Normal 25Hz to 17,000Hz ±3dB
	Erase head x t	CrO <sub>2</sub> 25Hz to 18,000Hz ±3dB
Mortors ······	· Direct drive EG servo motor for	Metal
	Capstan drive x I	Input sensitivity/Impedance
	DC motor for reel drive x 1	LINE IN70mV/47kohms
	DC motor for cam drive and	Output sensitivity/Impedance
	Tape eject/loding x t	LINE OUT ······ 388mV/2.7kohms
Wow & flutter	· 0.027% WRMS (JIS), 0.045% (DIN)	Phones 1.3mW (8 ohms)
S/N (Metal) ······	59dB (Measured via tape with 3%	Power requirements ·········· 120V, 60Hz for Canada
	'l'H) recording level)	220V, 50Hz for Europe except UK
	Dolby B type NR swich ON:	240V, 50Hz for UK
	Improves up to 5dB at 1KHz, 10dB	110/120/220/240/, 5011z/60Hz
	above 5KHz	convertible for other countries
	Dolby C type NR swich ON:	Dimension
	Improves up to 15dB at 500Hz,	(16.7 x 4.4 x t3.9 inches)
	10dB at 1KHz to t0KHz	Weight

<sup>\*</sup>For improvement purpose, speifications and design are subject to change without notice.

<sup>\*</sup>Noise reduction manufactured under license from Dolby Laboratries Licensing Corporation.

<sup>&</sup>quot;Dolby" and double-D symbol are trade marks of Dolby Laboratries Licensing Corporation.

#### \*SAFETY INSTRUCTIONS

#### PRECAUTIONS DURING SERVICING

- Parts identified by the 

  symbol parts are critical for safety.
- Replace only with parts number specified.
- In addition to safety, others parts and assemblies are specified for conformance with such regulations as those applying to spurious radiation.
- These must also be replaced only with specified replacement.
- Examples: RF cables, noise blocking capacitors, noise blocking filters, etc...
- 3. Use specified internal wiring. Note especially.
- 1) Wires covered with PVC tubing
- Double insulated wires
- 3) High voltage leads
- Use specified insulating materials for hazardous live parts. Note especially:
  - 1) Insulation Tape
  - 2) PVC tubing
- 3) Spacers (Insulating Barriers)
- 4) Insulation Seets for transistors
- 5) Plastic Screws for fixing microswitch (especially in turntable)
- When replacing AC primary side components (transformers, power cords, noise blocking capacitors, etc.), wrap ends of wires securely about the ferminals before soldering.



 Observe that wires do not contact heat producing parts (heatskins, oxide metal film resistors, fusible resistors, etc.).

- Check that replaced wires do not contact sharp edged or pointed parts
- 8. Also check areas surrounding reputed locations
- Use care that foreign objects (screws, solder droplets, ect.) do not remain inside that set

#### SAFETY CHECK AFTER SERVICING

Confirm the specified insulation resistance between power cord plug prongs and externally exposed parts of the set is greater than 10M ohms, but for equipment with external antenna terminals (tuner, reciever, etc. and is intend for  $\square$  or  $\square$ , specified insulation resistance should be headphone jacks line in out jacks etc. more than 2.2M ohms (ground terminals, microphone jacks).

#### \*INFORMATION

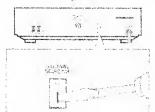
#### SYMBOLS FOR PRIMARY DESTINATION

Alphabet indicates the destination of the units as listed below

Symbols	Pricipal Destinutions
	USA
<u>E</u>	UK
TC :	Canada
E	Hurlop (except UK)
- 11	Japan
5	Australia
, [V.	W. Germany only
<u> </u>	Universal Area
	Caston: version

#### VOLTAGE CONVERSION( [U] Model only)

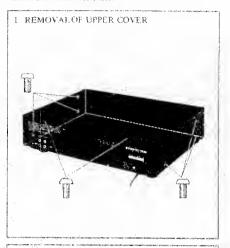
Before connecting the power cord, set the VOLIAGE SELECTOR located on the reat punel with a screwdriver so that the correct voltage is indicated.



#### I.DISASSEMBLY

In case of trouble, etc. necessitating dismuntling, please dismantle in the order shown in the photographs.

Reassemble in reverse order.



#### .2. REMOVAL OF FRONT COVER



\* Remove the cassette lid first then remove the front panel. (Furn on the Power and depress the edject button.)



#### II. CONTROLS

POWER Switch

To turn ON and OFF the power.

Cassette lid and cassette holder (Power assisted)

Load a cassette tape here. To open, press the ∰/ ± button. To close, press once again.

Do not manually open this cassette holder, as it may damage your equipment

FL (Fluorescent) Display

Tells you what the cassette deck is doing

COUNTER RESET button

To reset the digital counter to "00.00",

IPSS buttton

To select playback with the IPSS system.

A --- B MEMORY button

For memorization of a selection(s) or part of a selection that you wish to hear repeatedly. Also used with the recording cancel system for erasure of unwanted parts.

REC CANCEL button

To cancel recording and rewind tape to the first detectable blank space of tape. Convenient for rerecording a section of tape.

Operating buttons

For playback and recording operations.
Press the ( m/m ) button to open and close the cassette holder.

MPX (Multiplex) FILTER switch
To turn on and off the multiplex filter.

Noise reduction selector (NR OFF, DOLBY B

To select noise reduction for recording and playback purposes

( REC LEVEL control

To set recording levels. The level adjustment is the same amount for both right and left channels.

P REC BALANCE control

To set the left and right channel palance of recording input levels.

BIAS ADJUST control

To set the recording bias current. The bias adjustment range is between + 20% and + 20% of the proper bias current of each tape position if using a reference tape recommended for use with Akar cassette decks, set this control to the center click \*0 \*position\*.

PHONES Level control

To adjust the output level of the PHONES jack.

TIMER START Switch

For absentee recording and timed playback

PHONES jack

To listen through a pair of headphones, connect them to this jack.

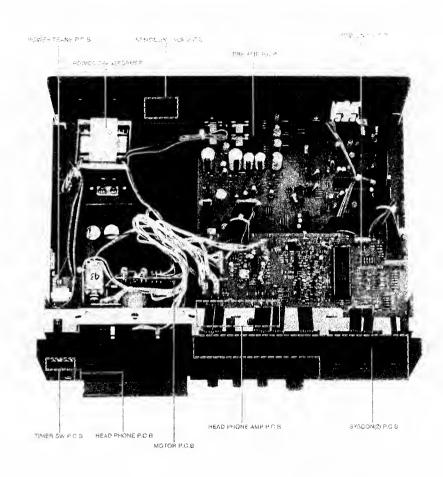
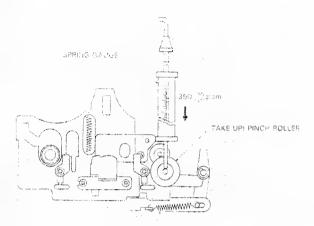


Fig 3-1 Top View

# IV. MECHANICAL ADJUSTMENT

#### + 1 PINCH WILLE- LRESSURE MEASUREMENTIRGE TO DELEGE



PINCH ROLLER (T) SPRING.

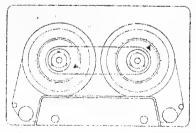
Fig.4-1.

Put in PLAY mode, push pinch roller arm down with the spring gauge push the pinch roller 1 or 2 mm from the capstan and release slowly. Read the spring gauge at the moment the pinch roller touches the capstan and begins to rotate. Specified pressure: 350  $^{+50}_{-20}$  gram (Take up)

If there is no measurement obtained, replace the pinch roller spring.

# + 2. WINDING TORQUE MEASUREMENT IN EACH MODE(Refer to Fig.4-2)

#### CASSETTE TORQUE METER



Insert a cassette torque mêter (AJ-751197) and measure in each mode. For First Forward and Rewind, measure at the end of the tape has stopped running.

PLAY mode

Take up Torque :  $40 + \frac{20}{-10}$  g-

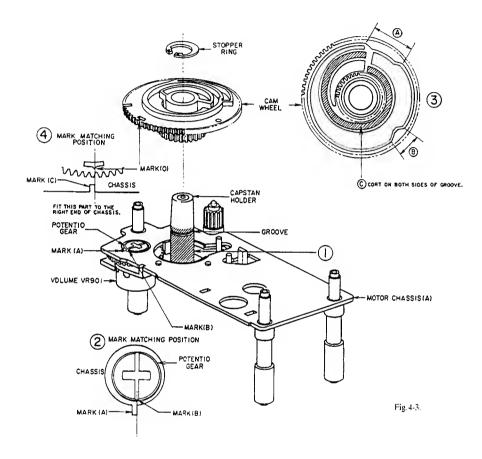
Back Tension Torque : 10 ±10 g-cm

FIRST FORWARD, REWIND mode

Take up Torque : 120  $\frac{-130}{-50}$  g- cm

Fig.4-2.

#### 4-3 HOW TO INSTALL VOLUME (VR901) AND CAM WHEEL



- 1) Apply Molybdenum coat on the capstan holder Apply Molybdenum coat on the area of 360 from the bottom to the upside 2mm of froove as shown in the figure. (Fig.4–3–↓)
- 2) Fitting position volume (potentio gear)

  Fit the right end of Mark (A) to the center of Mark (B) as shown in the figuer. (Fig. 4-3-1)
- Apply Molybdenum coat on the ♥ f and € shown in the Fig.4-3-3
- Set the cam wheel on the capstan wheel lensure that the cam wheel and potentio gear are meshed properly)

- When the cam wheel is set properly, fit the center of Mark (D) to the right end of Mark (C). (Fig.4-3-4:)
- 5) Fit the stopper ring in the groove of the capstan holder.

#### CAUTIONS

- SERVICE MANUAL -

- Make sure that the teeth on the periphery of cam wheel and the cam are absolutely free from any scratch, eut. etc.
- Make sure that Molybdenum coat is applied on the specified area only.

#### ++ POTENTIOMETER PRESET VOLTAGE ADJUSTMENT (Refer to fig ++4 to +-5)

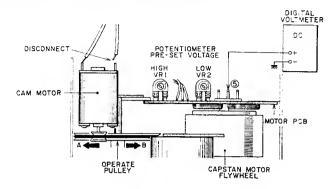


Fig. 4-4.

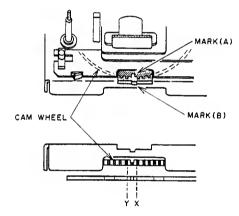


Fig. 4-5.

#### 1) LOW VOLTAGE ADJUSTMENT

- With power OFF, remove the connecting cord of the cam motor and turn the operate pulley fully with your fingers in A direction. (EJECT DIRES-TION)
- b. Connect the digital voltmeter as shown in fig.4-4.
- With power ON, adjust VR2 so that the voltage reading will be 1.15V (DC).

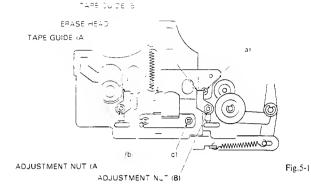
#### 2) HIGH VOLTAGE ADJISTMENT

- With power OFF, turn the operate pulley fully with your fings in B direction. (PLAY DIREC-TION)
- With power ON, adjust VR1 so that voltage reading will be 9.08V (DC).
- 3) Repeart Items 1) and 2).
- a. With power OFF, connect the connecting cord of the motor.
  - b. Remove the digital voltmeter.

- Remove the Cassette lid, Front panel and Bottom cover.
- 6) a. Set power to ON.
- h. Adjust VR1 slightly so that the center of Marker (A) coincides with the center of Marker (B) (should be within the range between X and Y) at STOP Mode as shown en Fig. 4-5. (The marker (STOP) on the CAM WHEEL can be seen clearly by lightinhg it from the back.)
- c. Set the IPLS switch to ON.
- d. Confirm that head and pinch rollers do not move up and down when the FF and REW switches are alternately depressed.
- e. Tun the reel with fingers en STOP Mode to check that the brake works sufficiently.
  - When the hrake acts normally,the take-up reel does not turn clockwise while the supply reel does not rotate counterclockwise.

- SERVICE MANUAL-

#### V. HEAD ADJUSTMENT



TAPE GUIDE (A)

REC PB

TAPE GUIDE (B)

TAPE GUIDE (B)

Fig. 5-2.

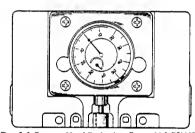


Fig. 5-3 Cassette Head Projection Gauge (AJ-751180)

5-1. REC/PB HEAD PROJECTION ADJUSTMENT Take off the LID CASE and set the cassette head projection gauge(AJ 751180) and set to PLAY mode. Loosen the screw (a) and adjust so that the gauge indication at that time will be 3.2 + 0.1mm. After adjustment, apply paintlock on the screw (a).

#### 5-2. TAPE GUIDE HEIGHT ADJUSTMENT

- Set the mirror cassette tape (AJ-751178) and set to PLAY mode.
- Adjust the tape guide (A) so that the parts of the erase head coming out of both sides of the tape (A and A) in Fig. 5-2 will be equal. For the adjustment, use the adjustment nut (A).
- Adjust the tape guide (B) so that the tape runs smoothly and is not hitched by the tape guide.
   For the adjustment, use the adjustment nut (B).
- 4) After adjustment, paint-lock the adjustment nuts (A) and (B).

#### 5-3.REC/PB HEAD HEIGHT ADJUSTMENT

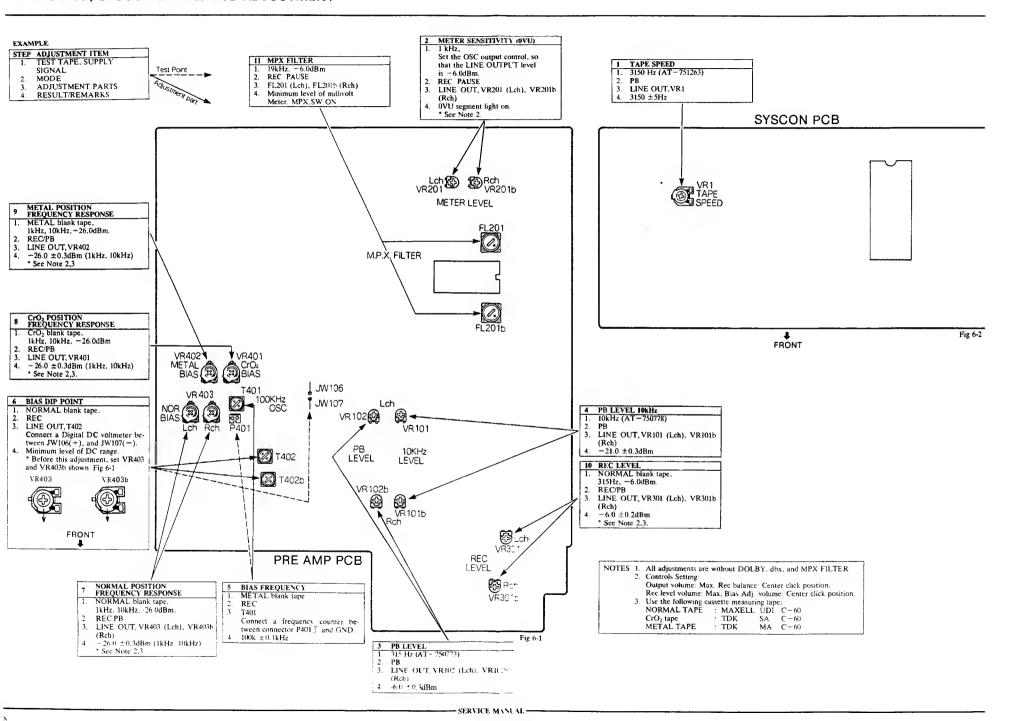
- Set the mirror cassette tape and set to PLAY mode.
- Adjust the screws (b), (c) and (d) so that the upper edge of REC/PB head Lch core and the upper side of the tape is in alignment.
- 3) Playback the head height adjustment tape (4 Track 1.000Hz) (AT-750775), and fine-adjust the screw b), (c) and (d) so that the largest output is obtained for both channels.

# 5-4. REC/PB HEAD AZIMUTH ALIGNMENT ADJUSTMENT

- 1) Playback a 10kHz Head Azimuth Alignment Tape AT-750778) and adjust the screw (d) until the output levels of both channels are at maximum.
- Record a 10kHz, -26dBm signal from the audio irequency oscillator.
- 3) Rewind and check for any fluctuation in the output evel at playback.
- 4) After adjustment, paintlock the screws (b), (c) and d).
- NOTES: I. Be sure to clean the heads prior to head adjustment.
  - Be careful not to use a magnetized driver or other magnetized tools in the vicinity of the heads.
  - Be sure to demagnetize the heads with a Head Demagnetizer before and after head adjustment.

SERVICE MANUAL

### VI. PRE AMP, SYSCON and dbx PCB ADJUSTMENT



#### VII. PARTS LIST

#### ATTENTION

- When placing an order for parts, be sure to list Part No., Model No. and the description of each part.
   Otherwise, the non-delivery of the part or the delivery of a wrong part may result.
- Please make sure that Part No. is correct when ordering.If not, a part different from the one you ordered may be delivered.
- 3. Since the parts shown in Parts List of Preliminary Service Manual may have been the subject of changes, please use this Parts List for all future reference.

#### HOW TO USE THIS PARTS LIST

- 1. This Parts List lists those parts which are considered necessary for repairs. Other common parts, such as resistors and capacitors, are listed in the "Common List for Service Parts" from which these parts should be selected and stocked.
- 2. The Recommended Spare Parts List shows those parts in the Parts List which are considered particularly important for service
- 3. Parts not shown in the Parts List and "Common List for Service Parts" will not in principle be supplied.
- 4. How to read the Parts List.
- a) Mechanism Block

b) PC Board

6. MAIN PC BOARD

Diagrams.

#### 2. HEAD BASE BLOCK

#### REF. PART NO. DESCRIPTION DESCRIPTION PART NO. EI-324536 IC HD14049BP 6-tC1 2-1 x 2-2 BH-T2023A320A HEAD BASE BLOCK IC MB8841-564M HP-H2206A010A HEAD R/P PR4-8FU C 6-IC2 Et-336801 2-3 ZS-477876 PAN20×03STL CMT 6-CIA EC-338399 C MMY V 223M 250AC [U,E,B,S] 2-4 BtD20×08STL CMT EC-350949 C MMY V 223M 250DC [J] 75.536488 6-C1C EC-338397 C MMY V 223M 125AC [C,A] ZG-402895 SP CS ANGLE ADJUST OSC X'TAL NC-18C 6-X1 EI-318384 Symbols for primary destination-SP (Service Parts) Classification [A]: AAL(U.S.A.) [S]: SAA(Australia) - A small "x" indicates that this part is not [B]: BEAB(England) [U]: U/T(Universal Area) shown in the Photo or Illustration. [C]: CSA(Canada) [V]: VDE(W. Germany) This number corresponds with the indi-{E]: CEE(Europe) [Y]: Custom Version [J]:JPN(Japan) vidual parts index number in that figure. This number corresponds with the Figure--SP (Service Parts) Classification Number. These reference symbols correspond with component symbols in the Schematic

The available PC Board Blocks are listed separately.

5. When Part No. is known, Parts Index at end of Parts List can be used to locate where that part is shown in Parts List by its Reference No. listed at right of Part No.

#### WARNING

 $\Delta$  (\*) INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURE'S RECOMMENDED PARTS.

#### **AVERTISSEMENT**

 $\Delta$  (\*) IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÉCES RECOMMANDEES PAR LÉ FABRICANT.

- PARTS LIST-

#### 1. RECOMMENDED SPARE PARTS

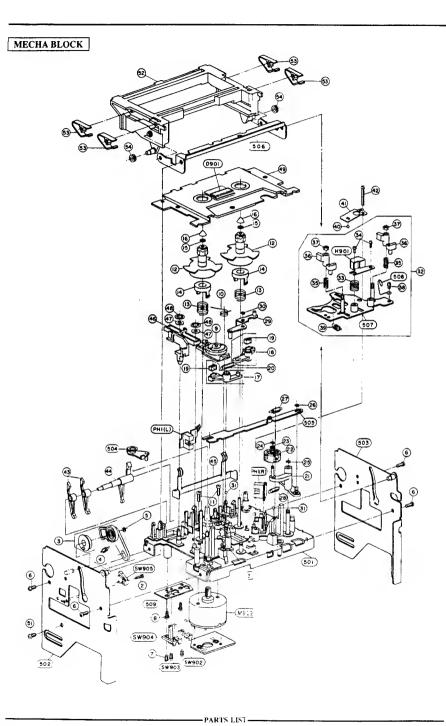
Because, if the parts listed below are on hand, almost any repair can be accomplished, we suggest that you stock these Recommended Spare Parts Items.

Ref. No.	Part No.	Description
t	33 T2100A020A	MECHA BLK GX 52
2	E-T2100A030A	HEAD BLK GX-52
3	BM M3103A010A	MOTOR BLM-300
		CAPSTAN MOTOR
4	EV-8345196	MOTOR OPERATION PULLEYI PART
5	3R-T2069A360A	CAM MOTOR REEL TABLE BL4 CX-3
6	*8"-373395	TRANS POWER T2100 A C
·	4-5 -075050	[A,C]
7	*8T-373398	TRAN5 POWER T2100(8 S)
		(8.5)
8	*8T-373396	TRANS POWER T2100(E,V)
_		[E.V]
9	*8T-373394	TRANS POWER T2100-U)
10	ED-307572	0 5iLiCON H 1SS 131
11	E0-624903	D 5ILICON H 152473
12	*ED-330622	D 5ILICON 15R35-100VL 100 1 CA
13	ED-316389	D ZENER H H211 A2
14	ED-324014	D 2ENER H HZ 1 1 81
15	ED-346550	D ZENER H HZ11L 82
16	ED-338561	D ZENER H HZZFA 82 F10
17	ED-324013	0 ZENER H H220 2
18	ED-346624	O ZENER H HZ3O 2
19	ED-306010	D ZENER H H26 A 2
20	ED-309069	D 2ENER H H26 82
21	ED-346804	0 ZENER H H27 82
22	ED-346609	D 2ENER H H29 C1
23	ED-346538	O ZENER H H29L A2
24	ED 348540	D ZENER H HZ9L 81
25	*EF-355374	FUSE 8ET T 250V 500MA
26	*EF-358974	(8) FUSE BET T 250V 630MA
		(8)
27	*EF-593706	FUSE SEMKO T 2SOV 500MA [E]
28	*EF-60194Z	FUSE SEMKO T 250V 630MA (E)
29	*EF-306949	FUSE TSC A 250V 1.25A (U)
30	*EF-309388	FUSE TSC A 250V 800MA
		[U]
31	*EF-309392	FUSE TSC 125V 1.25A
		(C)
32	*EF-309391	FU5E TSC 125V 800MA [C]
33	EH-372101	FILTER DB 428-5162-04
34	El-337568	HOLE-E DHD-HO70
35	EI-359985	IC CX20187
36		IC HA12067NT
37	₽-337013	IC L81290
38	El-345765	IC L81292
39	El-355602	IC L81649
40	El-373379	IC M50743-600SP T2100 CUSTOM
41	EI-357498	IC M51143 AL
42	El-353227	IC M5216L
43	El-346071	IC M5218L-21
44 45	El-348785 El-201940	IC M5220L IC NJM4558S
45 46	EI-201940 EI-336992	IC NJM4558S IC UPC1043C
47	El-373383	IC UPC1297CA
48	E-373363	OSC CE W. C = CR8 CMC 8 OMHZ
49		INO FL FIP26A W15Y
50		RELAY LEAD LABONS 2NO 12V
51		R FUSE H 510 ER02FC 1 4W 1200G
52	*ER-200926	R FUSE H 510 ERD2FC 1 4W 27ROG
53	*ER-200972	R FUSE H S10 ER02FC 1 4W 33R0G
54	ER-358910	R OMF H S15 FS 2W 181J
55	ES-336990	SW LEAF 8SW-169 21-1 NO
		ICROZ METAL

57 ES-3 58 *E5-3 59 *ES-3 60 E5-3 61 E5-3 62 ET-3 63 ET-3 64 ET-3 65 ET-3 68 ET-3 70 ET-3 71 ET-3 72 ET-3 73 *ET-3 74 ET-3 75 *ET-3 78 *ET-3 79 ET-3 80 ET-3 80 ET-3 81 *ET-3	172912 173380 173104 1558606 1771104 1558606 173381 145091 173382 173382 173382 173382 173382 173382 173382 173393 160824 164414 170310 08472 164414 170310 08472 164414 160824 164414 160827 160824 164416 160827 160824 164416 160827 160824 164416 160827 160824 164416 160827 160824 164416 160827 160824 164416 160827 160824 164416 160827 160824 164416 160827 160824 164416 160827 160824 164416 160827 160824 164416 160827 160824 164416 160827 160824 164416 160827 160824 164416 160827 160824 164416 160827 160824 164416 160827 160824 164416 160824 160824 160824 164416 160824 16082	SW LEAF SPP321 01 2 LOADING SW SW PUSH ESB-38630 4 THPOW! NR SW SW PUSH ESB-38630 4 THPOW! NR SW SW SELECTOR ST. 4150454 01-4 [POWER SW SW SELECTOR ST. 4150454 01-4 [I] YOUTAGE SELECTOR SW SLIDE SSSU02 1-01-03N [TIMER START SW] SW TACT SKH-PP OFTECTOR SPI-201-40 8 C [DETECTOR RP-20] FR DTA 1432S TR DTA 1432S TR DTA 144EF TR DTC 1144S TR DTC 124XS TR DTC 144EF TR DTC
58 *E5.3  59 *ES.3  60 E5.3  61 E5.3  62 ET.3  64 ET.3  68 ET.3  68 ET.3  69 ET.3  70 ET.3  71 ET.3  72 ET.3  73 ET.3  74 ET.3  78 *ET.3  78 *ET.3  79 ET.3  80 *ET.3	171104 159606 170965 173381 145091 173382 172030 154416 153897 154365 173392 17339 173392 173	SW PUSH ESE-88630 4 THROW: NR SW' SW PUSH SDDLD1082A 0'-' 'POWER SW SW SELECTOR 8T-4150454 01-4 'U! YOU. TAGE SELECTOR SW SLIDE SSSUD 1-01-03N 'JTIMER START SW' SW TACT SKHHPP OFTECTOR 8P.201-40 8 C  DETECTOR 8P.201-40 8 C
59 *ES-3 60 E5-3 61 E5-3 62 ET-3 63 ET-3 64 ET-3 65 ET-3 68 ET-3 68 ET-3 70 ET-3 71 ET-3 73 ET-3 74 ET-3 75 *ET-3 77 ET-3 78 ET-3 79 ET-3 80 *ET-3	170965 170965 173381 145091 172030 154415 153897 154365 173495 173391 160824 154414 170310 1608472 154881 154818 1608472 1608472 1608472 1608472 1608472 1608472 1608472 1608472 1608472 1608473 1608474 16084	SW PUSH SDOLD1082A 01-4 [POWER SW SW SELECTOR RT-41S0454-21-4 [U] [VOLTAGE SELECTOR SW SLIGE SSSU02 1-01-03N [TIMER START SW] SW SLOE SSSU02 1-01-03N [TIMER START SW] SW TACT SKIPHPP OFTECTOR RP PC8] TR DTA1432S TR DTA1442S TR DTA1442S TR DTC114YS TR DTC114YS TR DTC114YS TR DTC114YS TR DTC114YS TR DTC142XS TR DTC1444EF TR DTC1444F TR DTC1445 TR DTC144
60 E5-3 61 E5-3 62 ET-3 63 ET-3 64 ET-3 68 ET-3 67 ET-3 68 ET-3 70 ET-3 71 ET-3 72 ET-3 73 ET-3 74 ET-3 75 **ET-3 77 ET-3 78 ET-3 78 ET-3 79 ET-3 80 **ET-3 80 **ET-3	170955 173381 145091 173382 172030 154415 153897 154365 773392 773392 773391 66824 64414 7008472 54841 552728 37780 08977	SW SELECTOR 8T-4150454 91-4 [U][VOLTAGE SELECTOR SW SLIDE SSSUD2 1-01-03N] [TIMER START SW]. SW TACT SKH-PP OETECTOR SPI-201-40 8 C [DETECTOR SPI-
61 E5-3 62 ET-3 63 ET-3 64 ET-3 68 ET-3 69 ET-3 71 ET-3 72 ET-3 74 ET-3 77 #ET-3 77 #ET-3 78 **ET-3 79 ET-3 79 ET-3 80 **ET-3 80 **ET-3	173381 145091 173382 172030 154415 153897 154365 173495 173392 173391 160824 154414 170310 108472 154841 152728 37780 108977	SW SLUGE SSSU02 1-01-03N [TIMER START SW] SW TACT SK-HPPP OETECTOR SPI-201-14-0-8 C [DETECTOR RP-20]-14-0-8 C [DETECTOR RP-20]-14-0-8 C ITR DTA1442S TR DTA1442S TR DTC1142S TR DTC1142S TR DTC1144S TR DTC124XS TR DTC124XS TR DTC1444S TR DTC1444S TR DTC1444E TR DTC1444E TR DTC1444S TR DTC1444S TR DTC1444S TR DTC1444S TR DTC1444S TR DTC1444S TR DTC1444S TR DTC1445 TR DTC1445 T
62 ET-3 63 ET-3 64 ET-3 65 ET-3 68 ET-3 69 ET-3 70 ET-3 71 ET-3 72 ET-3 74 ET-3 78 *ET-3 77 ET-3 78 *ET-3 79 ET-3 80 *ET-3	145091 173382 172030 154415 1543897 154365 1733892 1733892 173392 173391 160824 154414 1702310 108472 154841 152228 337780 108141	SW TACT SKI-HPP  OETECTOR SP: 201-40 8 C  [DETECTOR SP: 201-40 8 C  [DETECTOR SP: 201-40 8 C  TR DTA 14-42S  TR DTA 14-42F  TR DTA 14-42F  TR DTC 14-42S  TR DTC 12-43S  TR DTC 12-43S  TR DTC 12-43S  TR DTC 12-44S  TR DTC 12-44EF  TR DTC 1
62 ET-3 63 ET-3 64 ET-3 65 ET-3 68 ET-3 69 ET-3 70 ET-3 71 ET-3 72 ET-3 74 ET-3 78 *ET-3 77 ET-3 78 *ET-3 79 ET-3 80 *ET-3	145091 173382 172030 154415 1543897 154365 1733892 1733892 173392 173391 160824 154414 1702310 108472 154841 152228 337780 108141	OETECTOR SPI. 201-40 8 C [DETECTOR R PC3] TR DTA 14425 TR DTA 14445 TR OTC 11445 TR OTC 11445 TR OTC 1145 TR OTC 1245 TR DTC 1445 TR DTC 1445 TR DTC 1445 TR OTC 1
64 ET.3 68 ET.3 67 ET.3 68 ET.3 69 ET.3 71 ET.3 72 ET.3 74 ET.3 75 **ET.3 77 ET.3 77 ET.3 78 **ET.3 79 ET.3 80 **ET.3	172030 154415 153897 154365 173485 173392 173391 160824 154414 170310 108472 154841 152728 37780 08977	TR DTA 1432S TR DTA 144EF TR DTA 144EF TR OTC1 14ES TR DTC1 14YS TR DTC1 23JS TR DTC1 24XS TR DTC1 24XS TR DTC1 24XS TR DTC1 24XS TR DTC1 44EF TR DT
64 ET.3 68 ET.3 67 ET.3 68 ET.3 69 ET.3 71 ET.3 72 ET.3 74 ET.3 75 **ET.3 77 ET.3 77 ET.3 78 **ET.3 79 ET.3 80 **ET.3	172030 154415 153897 154365 173485 173392 173391 160824 154414 170310 108472 154841 152728 37780 08977	TR DTA 144EF TR DTA 144ES TR DTA 144ES TR DTC 144S TR DTC 147S TR DTC 123.5 TR DTC 123.5 TR DTC 142S TR DTC 142S TR DTC 142E TR DTC 142E TR DTC 144EF TR ZSA 128 TR ZSA 128 TL TR ZSA 128 T
65 ET-3 68 ET-3 67 ET-3 68 ET-3 70 ET-3 71 ET-3 72 ET-3 73 ET-3 74 ET-3 78 **ET-3 78 ET-3 79 ET-3 80 **ET-3 81 **ET-3	154415 153897 154365 173485 173392 173391 1660824 154414 170310 08472 154841 152728 37780 08977 08141	TR DTA 144ES TR OTC114ES TR OTC114ES TR DTC114YS TR DTC123.S TR DTC142XS TR DTC143ZS TR DTC143ZS TR DTC144EF TR OTC144EF TR OTC144EF TR OTC144F TR 25A113E F.G F05 TR 25A113E F.G F05 TR 25A1282 A F.G F05 TR 25A1282 T.J TR 25A232 T.J TR 25A232 T.J TR 25A236 T.F F05 TR 25C274K F F05 TR 25C274K F F05 TR 25C203 G F05
68 ET.3 68 ET.3 69 ET.3 70 ET.3 71 ET.3 72 ET.3 74 ET.3 78 *ET.3 77 ET.3 78 ET.3 79 ET.3 80 *ET.3	IS3897 IS4365 I73485 I73492 I73392 I73391 I60824 I54414 I70310	TR OTC: 14ES TR DTC: 14YS TR DTC: 23JS TR DTC: 24XS TR DTC: 144XS TR OTC: 144EF TR 25A: 111S E.F. G. FO5 TR 25A: 1282 A.F. G. FO5 TR 25A: 282 Z. U TR 25A: 282 Z. U TR 25A: 282 Z. V TR 25A: 282 Z
67 ET-3 68 ET-3 69 ET-3 70 ET-3 71 ET-3 73 ET-3 74 ET-3 75 **ET-3 78 **ET-3 78 ET-3 79 ET-3 80 **ET-3 81 **ET-3	154365 173485 173392 173391 160824 154414 170310 108472 154841 152728 3377 08977	TR DTC: 14VS TR DTC: 23JS TR DTC: 24XS TR DTC: 42XS TR DTC: 442S TR DTC: 442F TR DTC: 444F TR DTC: 444F TR DTC: 444F TR 25A: 11S E.F. G. F. O.5 TR 25A: 1282A F. G. F. O.5 TR 25A: 282 T. J. TR 25A: 282 T. J. TR 25A: 282 T. J. TR 25A: 283 T. F. G. F. O.5 TR 25A: 283 T. J. TR 25A: 283 T. J. TR 25A: 283 T. J. TR 25A: 283 T. F. O.5 TR 25C: 274 K. F. F. O.5 TR 25C: 263 G. F. O.5 TR 25C: 263 G. F. O.5
68 ET-3 69 ET-3 70 ET-3 71 ET-3 73 ET-3 74 ET-3 75 **ET-3 77 ET-3 78 ET-3 79 ET-3 80 **ET-3 81 **ET-3	173485 173392 173391 160824 154414 170310 108472 154841 152728 137780 108977	TR DTC123.S TR DTC124XS TR DTC144ZS TR DTC144EF TR DTC144EF TR DTC144E5 TR DTC144TS TR 25A111S E.F. G. F. O.5 TR 25A1282A F. G. F. O.5 TR 25A1282A F. G. F. O.5 TR 25A284K F TR 25C2274K F. F. O.5 TR 25C2274K F. F. O.5 TR 25C2274K F. O.5 TR 25C2203 G. F. O.5
69 ET-3 70 ET-3 71 ET-3 72 ET-3 73 ET-3 74 ET-3 75 **ET-3 77 ET-3 77 ET-3 78 ET-3 79 ET-3 80 **ET-3 81 **ET-3	173392 173391 160824 154414 170310 108472 108472 1552728 37780 108977 108141	TR DTC124XS TR DTC144EF TR DTC144EF TR DTC144EF TR DTC144EF TR DTC144TS TR 2SA1181 E.F. GF05 TR 2SA1282A F.G F05 TR 2SA1282 T.U TR 2SA284K F TR 2SC2274K F F05 TR 2SC2274K F F05 TR 2SC2203 G F05
70 ET-3 71 ET-3 72 ET-3 73 ET-3 74 ET-3 75 *ET-3 78 *ET-3 78 ET-3 79 ET-3 80 *ET-3 81 *ET-3	173391 160824 154414 170310 108472 154841 152728 137780 108977	TR DTC143ZS TR DTC144EF TR DTC144E5 TR DTC144TS TR 25A111S E.F.G F05 TR 25A128A F.G F05 TR 25A13S2 T.U TR 25A28AK F TR 25C2274K F F05 TR 25C2274K F F05 TR 25C2274K F F05 TR 25C2274G F05
71 ET-3 72 ET-3 73 ET-3 74 ET-3 75 **ET-3 77 ET-3 77 ET-3 79 ET-3 80 **ET-3 81 **ET-3	160824 154414 170310 108472 154841 152728 137780 108977	TR DTC144EF TR DTC144E5 TR DTC144E5 TR 2SA111S EF.G F05 TR 2SA1282 AF.G F05 TR 2SA1292 T.U TR 2SA2984K F TR 2SC2274K F F05 TR 2SC22763 G F05
71 ET-3 73 ET-3 74 ET-3 75 *ET-3 76 *ET-3 77 ET-3 77 ET-3 79 ET-3 80 *ET-3 81 *ET-3	160824 154414 170310 108472 154841 152728 137780 108977	TR DTC144EF TR DTC144E5 TR DTC144E5 TR 2SA111S EF.G F05 TR 2SA1282 AF.G F05 TR 2SA1292 T.U TR 2SA2984K F TR 2SC2274K F F05 TR 2SC22763 G F05
72 ET-3 73 ET-3 74 ET-3 75 *ET-3 78 *ET-3 77 ET-3 78 ET-3 79 ET-3 80 *ET-3 81 *ET-3	154414 170310 108472 154841 152728 137780 108977	TR DTC144E5 TR DTC144T5 TR 2SA111S E.F.G F05 TR 2SA1282A F.G F05 TR 2SA1392 T.U TR 2SA984K F TR 2SC2274K FF05 TR 2SC2274G F905 TR 2SC2276G F905
73 ET-3 74 ET-3 75 **ET-3 78 **ET-3 77 ET-3 78 ET-3 90 **ET-3 81 **ET-3	70310 108472 154841 152728 137780 108977	TR DTC144TS TR 2SA111S E.F.G F05 TR 2SA1282A F.G F05 TR 2SA1392 T.U TR 2SA984K F TR 2SC2274K F F05 TR 2SC2276G F05
74 ET-3 75 *ET-3 78 *ET-3 77 ET-3 78 ET-3 79 ET-3 80 *ET-3 81 *ET-3	0847Z 54841 52728 37780 08977	TR 2SA111S E.F.G F05 TR 2SA1282A F.G F05 TR 2SA1392 T.U TR 2SA984K F TR 2SC2274K F F05 TR 2SC2603 G F05
75 *ET-3 78 *ET-3 77 ET-3 78 ET-3 79 ET-3 80 *ET-3 81 *ET-3	54841 52728 37780 08977 08141	TR 2SA 1282A F.G F05 TR 2SA 1392 T.U TR 2SA 984K F TR 2SC2274K F F05 TR 2SC2603 G F05
78 *ET.3 77 ET.3 78 ET.3 79 ET.3 80 *ET.3 81 *ET.3	52728 37780 08977 08141	TR 2SA 1392 T.U TR 2SA 984K F TR 2SC 2274K F F 05 TR 2SC 2603 G F 05
77 ET-3 78 ET-3 79 ET-3 80 *ET-3 81 *ET-3	37780 08977 08141	TR 2SA984K F TR 2SC2274K F F05 TR 2SC2603 G F05
78 ET-3 79 ET-3 80 *ET-3 81 *ET-3	08977 08141	TR 2SC2274K F F05 TR 2SC2603 G F05
79 ET-3 80 *ET-3 81 *ET-3	08141	TR 2SC2603 G F05
80 *ET-3 81 *ET-3		
81 *ET-3	85394	TR 2SC3242A F F G F05
82 FT-3	57845	TR 2SC3242A F G F05
	49081	TR 2SC3383 S.T
83 ET-3	47961	TR 2SD1012-V G F05
84 *ET-3		TR 2SD1189 Q.R
	73389	VR ROTARY RK1631110 8102 (8IAS ADJUST
86 EV-3	73387	VR ROTARY RK16312AO A104X
87 EV-3	73388	VR ROTARY RK16312A0 A104X; [PHONES LEVEL]
88 EV-3	7338S	VR ROTARY RK1631210 M104 N [REC BALANCE]
89 HR-H	2505 A01 OA	HEAD COMB EPR4-13TG
	46329	PINCH ROLLER(C)
	36605	WIND IDLER ASSY

- PARTS LIST-

Description



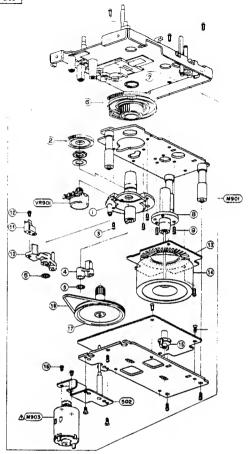
Raf. No. Part No. Description B8-T2100A020A MECHA 8LK GX-52 Z\$-608106 PAN20X06STL CMT 8Z-T2030A110C OIL CLUTCH BLK GX-8 ZG-341970 SP PULL OIL CLUTCH RING E190SUP CMT ZW-270088 2S-2D1275 ST PAN28X06STL CMT SW905 ES-372912 SW LEAF SPPB21 01-2 [LOADING SW] ET-345D91 PH1(R) DETECTOR SPI-201-40 B.C IDETECTOR-R PCB1 PH1(L) ET-345091 DETECTOR SPI-201-40 8.C [DETECTOR-L PCB] SW902 ES-338B90 SW LEAF 8SW-169 01-1 NO [CRO2/METAL] ES-33B990 SW903 SW LEAF 8SW-169 D1-1 NO [1200/700] SW904 ES-338990 SW LEAF 8SW-189 01-1 NO [ANTI REC] 2S-4647D3 BID2DXD4STL CMT ZS-336614 PT PAN26X08STL CMT TC-338605 WIND IDLER ASSY 10 2G-338140 SP TORSION IDLER BM-8336989 MOTOR REEL (PULLEY) PART (REEL MOTOR) 11 25-550708 PAN28XO8STL NI3 BR-T2068A360A REEL TABLE BLK GX-9 12 13 ZG-336141 SP PUSH BT 14 TC-336142 HOLDER ST SP 15 PW21X040X020 TOUGH LIGHT NO440 ZW-330073 MT-305793 REEL CAP 17 BL-T2030A160A LEVER BRAKE (A) BLK GX-F51 8L-T2030A170A LEVER BRAKE (8) 8LK GX-F51 18 TC-338146 BRAKE RUBBER 19 20 2G-312946 SP T1-03.2 / 0.29-16.0 T1-062 21 BL-8338150 ARM PINCH ROLLER (A) PART 22 MP-348329 PINCH ROLLERICI 23 2W-305546 PW21X040X025PSL 24 25 RING E150SUP CMT 2W-358857 2W-270088 RING E190SUP CMT 28 27 2W-27008B RING E190SUP CMT 2G-342575 SP PULL PINCH ROLLER (T-2) 28 2G-321534 SP T2-03.2 / 0.29-125 T2-060 29 8L-8336155 ARM HEAD SLIDE PART 30 ZW-270088 RING E190SUP CMT 31 MV-357208 BALL 200STL 32 33 8H-T2100AD3DA HEAD 8LK GX-52 2G-373323 SP PUSH HEAD H901 HR-H2505A01DA HEAO COM8 EPR4-13TG 25-201508 PAN20X04STL NI3 35 2G-336130B SP PUSH GUIDE 8 36 37 HZ-336129 GUIDE TAPE ZW-373137 N2DST) BNI 1 ZS-391366 3B 39 PAN23X03STL NI3 ZG-341972 SP PULL HEAD RETURN 4D MV-357208 BALL 200STL 41 ZG-336157 SP PLATE HEAD HOLD 42 ZS-308931 PAN26X18STL CMT 43 ML-336158 LEVER DETECTION (B) 44 ML-336159-A LEVER DETECTOR(A) 45 7G-33616D SP PLATE CASSETTE HOLDER (A) 46 TC-336161 SLIDE EJECT 47 ZW-306464 PW31XD7DXD5DSTL CMT 4B ZW-329422 RING CS D300 49 SP-336162B-A LID DECORATION (B) ED-344244 D LED SLF-6D1C AMBER HOUSING LAMP PCB 50 25-479474 PAN26X05STL CMT 51 ZS-2D1275 ST PAN26XD6STL CMT 52 SP-336163B LID CASE(2) 53 ZG-336615 SP PLATE CASSETTE HOLDER (B) SZ-336166 COLLAR LID

2. MECHA BLOCK

NOTE: The parts reference numbered here except the ones in 500's are normally stocked for replacement purpose. The rest of the parts shown in this manual are not stocked since they are seldom required for routine service.

-- PARTS LIST-

## MOTOR BLM310B BLOCK



#### 3. MOTOR BLM-300 BLOCK

Ref. No.	Part No.	Description	Ref. N	io.
M901	BM-M3103A010A	MOTOR BLM-300	14	
		[CAPSTAN MOTOR]	15	
1	TC-33B004B	HOLOER CAPSTAN (C-2)	M903	
VR901	EV-337052	VR ROTARY IBLIOXOR B103		
2	MZ-336005	GEAR POTENTION	18	
3	ZS-432B43	PAN26X04STL CMT	17	
4	BL-B33B007	LEVER BRAKE CAM PART	18	
5	ZW-B53163	RING CS 2BOSTL PKR		
В	MZ-336006	CAM WHEEL		
7	ZW-33B604	RETAINING RING O S930SUP ACP		
В	TC-336002	HOLDER CAPSTAN (B)	NOTE:	The
9	ZS-479474	PAN2BXQ5STL CMT		one
10	BL-8338009	LEVER EJECT CAMPART		mer
11	MZ-35315B	SP PLATE EJECT	!	
12	ZS-477B76	PAN20X03STL CMT		mar
13	EA-336012	PC FG		quir

Ref. No.	Pert No.	Description
14	BF-8336013	FLYWHEEL PART
15	TC-336016	HOLDER THRUST (A)
M903	BM-834519B	MOTOR OPERATION (PULLEY) PART [CAM MOTOR]
18	ZS-59237B	PAN26X03STL CMT
17	MR-336019	PULLEY OPERATE
18	MB-336021	BELT OPERATION

TE: The parts reference numbered here except the ones in 500's are normally stocked for replacement purpose. The rest of the parts shown in this manual are not stocked since they are seldom required for routine service.

--- PARTS LIST-

11

#### 4. P.C BOARD BLOCK

Description

BA-T2100A040A PC(#) PRE AMP BLK GX-52(U)

Ref. No. Pert No.

1.A	BA-T2100A040		FR501	*ER-2009 26	R FUSE H S10 ERD2FC 1/4W 27ROG
		[U]	FR502	*ER-367642	R FUSE H S10 ERD2FC 1/4W 1200G
18	BA-T2100A0408		IC101	El-348785	IC M5220L
		(B.C.E)	IC201	El-359985	IC CX20187
2	8A-T2100A050	A PC(#) SYSCDN BLK GX-52	IC 301	El-346071	IC M5218L-21
			IC401	El-373383	IC UPC1297CA
PC PRE-A	MP BLK CONSIS	STS OF FOLLOWING P.C.BOARD.	IC601	El-357498	IC M51143AL
■ PRF_AA	AP P.C.BOARD		J601	EJ-336905	PIN J AJC-035-ACB P 4P
	HONE AMP P.C	ROAPD	L201	ED-372996	(LINE IN / OUT) COIL FIX 1 RC875 223J
	R TRANS P.C.BO		L201	EO-372996 EO-357050	COIL FIX 1 RC875 223J
			L302	ED-369999	COL FIX 1 79-5249-13 542J
• HEADE	HONE P.C.BOA	KU .	RL101	ED-309999 ED-328529	RELAY LEAD LABONS 2NO 12V
PC SYSC	ON BLK CONSIS	TS OF FOLLOWING P.C.BOARD.	TR101	ET-349081	TR 25C3383 S.T
<ul><li>SYSTEM</li></ul>	CONTROL(1)P.	C.BOARD	TR102	ET-349081	TR 25C3383 S.T
	CONTROL(2)P.		TR103	ET-349081	TR 25C3383 S.T
	SW P.C.BOARD	C.DO/MD	TR104	ET-373485	TR DTC123JS
	ON JACK P.C.B	CARD	TR105	ET-354365	TR DTC114YS
• KLIVIOC	JOH JACK F.C.D	OAKD	TR106	ET-354365	TR DTC114YS
			TR201	ET-349081	TR 2SC3383 S.T
5 PRE	-AMP P.C B	DARD	TR202	ET-349081	TR 2SC3383 S,T
5, 1 ML	-AIVII 1.0 D	JAND	TR203	ET-349081	TR 2SC3383 S.T
			TR301	ET-349081	TR 2SC3383 S.T
Ref. No.	Part No.	Description	TR302	ET-349081	TR 2SC3383 S,T
D101	ED-624903	D SILICON H 1S2473	TR303	ET-349081	TR 2SC3383 S.T
D501	*ED-330622	D SILICON 1SR35-100VL 100/1.0A	TR304	ET-349081	TR 2SC3383 S,T
D502	*ED-330622	D SILICON 1SR35-100VL 100/1.0A	TR305	ET-349061	TR 2SC3383 S.T
D503	*ED-330622	D SILICON 15R35-100VL 100/1.0A	TR308	ET-349081	TR 2SC3383 S.T
D504	*ED-330622	D SILICON 1SR35-100VL 100/1.0A	TR307	ET-349081	TR 2SC3383 S.T
D605	ED-624903	D SILICON H 1S2473	TR401	*ET-357845	TR 2SC3242A F.G F05
D508	ED-373380	O LED LTZ-R15 RED F10	TR402	ET-373381	TR DTC143ZS
D507	ED-348640	O ZENER H HZ9L 91	TR403	ET-370310	TR DTC144TS
D508	ED-824903	D SILICON H 1S2473	TR404	ET-370310	TR DTC144TS
0509	ED-373390	D LED LTZ-R16 RED F10	TR405	ET-308977	TR 2SC2274K F F05
0610	ED-348540	D ZENER H HZBL 81	TR406	ET-308977	TR 2SC2274K F F05
D511	<b>★ED-330622</b>	D SILICON 1SR35-100VL 100/1,0A	TR407	ET-308472	TR 2SA1115 E.F.G F05
0512	<b>★ED-330622</b>	D SILICON 1SR35-100VL 100/1.0A	TR408	ET-373392	TR DTC124XS
0513 0514	*ED-330622	D SILICON 1SR35-100VL 100 / 1.0A	TR409	ET-370310	TR DTC144TS
	*ED-330822	0 SILICON 1SR35-100VL 100/1.0A	TR410	ET-370310	TR DTC144TS
D515	ED-624903	D SILICON H 1S2473	TR411	ET-354416	TR DTA144ES
0516 0517	ED-346550	D ZENER H HZ11L 82	TR513	ET-308141	TR 2SC2603 G F05
D517	ED-824903 ED-346550	D SILICON H 1S2473 O 2ENER H HZ11L B2	TR501 TR502	<b>★ET-349081</b>	TR 2SC3383 S.T
D519	ED-346538	O ZENER H H29L A2	TR503	ET-352726 *ET-352726	TR 2SA 1392 T,U TR 2SA 1392 T,U
0520	ED-346538	O ZENER H HZ9L A2	TR503	ET-349081	TR 2SC3383 S.T
D521	*E0-330622	D SILICON 15R35-100VL 100/1.0A	TR505	*ET-349081	TR 2SC3383 S.T
D522	*ED-330622	D SILICON 1SR35-100VL 100/10A	TR506	*ET-349081	TR 2SC3383 S.T
0523	ED-324014	0 ZENER H H211 81	TR507	*ET-349081	TR 2SC3383 S.T
D541	*ED-330622	D SILICON 1SR35-100VL 100/1.0A	TR508	*ET-352728	TR 2SA 1392 T.U
D542	*E0-330622	D SILICON 1SR35-100VL 100/1.0A	TR509	*ET-352726	TR 2SA 1392 T.U
D543	*ED-330622	D SILICON 1SR35-100VL 100/10A	TR510	<b>★ET-352726</b>	TR 25A1392 T.U
D544	*ED-330622	D 5ILICON 1SR35-100VL 100/10A	TR511	*ET-357845	TR 2SC3242A F.G F05
0552	ED-324014	D ZENER H HZ11 B1	TR551	*ET-357845	TR 25C3242A F.G F05
D553	ED-324014	D ZENER H H211 81	TR552	*ET-354841	TR 25A1282A F.G F05
D554	*E0-330622	D SILICON 1SR35-100VL 100/10A	TR553	*ET-354083	TR 25D1189 D.R
D555	*E0-330622	D SILICON 1SR35-100VL 100/10A	TR554	*ET-308141	TR 25C26O3 G FO5
D556	<b>★ED-330622</b>	O SILICON 1SR35-100VL 100 // 1 0A	TR555	<b>★ET-308472</b>	TR 2SA1115 E.F.G F05
D557	ED-306010	D ZENER H HZ6 A2	TR556	*ET-308141	TR 2SC2603 G F05
D558	ED-309069	D ZENER H HZ6 82	TR557	<b>∗</b> ET-365394	TR 2SC3242A E,F,G F05
D559	ED-624903	D SILICON H 1S2473	TR601	ET-354415	TR DTA144ES
D560	ED-346624	D ZENER H HZ30 2	TR602	ET-354415	TR DTA144ES
D561	E0-324013	O ZENER H HZ2O 2	TR603	ET-354415	TR DTA144ES
D562 D563	*ED-330622	0 SILICON 1SR35-100VL 100 10A	T401	EO-373384	CDIL OSC 1 23D6-01 1D0 0KHZ
D564	*ED-330622	D SILICON 15R35-100VL 100 1.0A	T402	EO-373483	COIL OSC 1 23D6-D2 100 DKHZ
D565	*ED-330622 *ED-330622	O SILICON 1SR35-100VL 100 11 0A O SILICON 1SR35-100VL 100 1 0A	VR101 VR102	EV-356582	R S-FIX H RH0615C 0 10W 473
D566	*ED-330622	0 SILICON 15R35-100VL 100 / 10A	VR201	EV-356577	R S-FIX H RH0615C 0 10W 103
0601	ED-624903	D SILICON H 182473	VR201	EV-357619 EV-357619	R S-FIX H RH0615C 0 10W 104
D602	ED-624903	D SILICON H 152473	VR301 VR401	EV-35/619 EV-345781	R S-FIX H RH0615C 0 10W 104 P S-FIX H RVF8P01 0.10W 202
FL101	EH-368105	FILTER EMI STY103N8	VH4U1 VR402	EV-345781 EV-337996	R S-FIX H RVF8P01 0.10W 202 R S-FIX H RVF8P01 0.10W 1D4
FL201	EH-372101	FILTER D8 428-5162-04	VR402 VR403	EV-337996 EV-337996	
FL202	EO-323982	COIL TUN 1 1002-431 100 00KHZ	F1A	±EF-309388	R S-FIX H RVF8P01 0 10W 104 FUSE TSC A 250V 800MA
FL203	EH-368105	FILTER EMI STY 103NB	FIA		FOSE TSC A 250V BOOMA
FL204	EH-368105	FILTER EMI STY103NB	F2A	≠EF-309388	FUSE TSC A 250V BD0MA
FL205	EH-368105	FILTER EMI STY 103N8	140		U
FR401	*ER-200972	R FUSE H S10 ERD2FC 1 4W 33R0G	F3A	×EF 306949	FUSE TSC A 25DV 125A
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i					· ·

Ref. No. Pert No.

Description

R FUSE H S10 ERD2FC 1/4W 27ROG R FU5E H S10 ERD2FC 1/4W 1200G

	. Part No.	Description	9. SYS	TEM CONT	TROL (1) P.C BOARD
F4A	*EF-306949	FUSE T5C A 250V 1.25A	Ref. No.	Pert No.	Description
F1B	<b>★EF-309391</b>	FUSE TSC 125V 800MA	D1	ED-307572	D SILICON H 1SS131
F28	*EF-309391	[C] FUSE TSC 125V 800MA	D2	ED-307572	D SILICON H 1\$\$131
		[C]	D3	ED-307572	D SILICON H 1SS131
F3B	*EF-309392	FUSE TSC 125 V 1.25 A	D4 D5	E0-307572 E0-307572	O SILICON H 1SS131 D SILICON H 1SS131
F40	-HEE 200202	[C]	D6	ED-346593	D ZENER H HZ3 B1
F4B	*EF-309392	FUSE TSC 125V 1.25A	D7	ED-338332	D 2ENER H HZ4 A2
F1C	*EF-593706	FUSE SEMKD T 250V 500MA	D8	ED-318389	D 2ENER H HZ11 A2
		[E]	09	E0-346609	D 2ENER H HZ9 C1
F2C	*EF-593706	FUSE SEMKD T 250V 500MA	D10 D11	ED-307572 ED-348604	D SILICON H 1SS131 D ZENER H HZ7 B2
506		[E]	D12	ED-307572	D SILICON H 1SS131
F3C	*EF-601942	FUSE SEMKO T 250V 830MA	D13	ED-307572	D SILICON H 1SS131
F4C	*EF-601942	[E] FUSE SEMKO T 260V 630MA	D14	ED-307572	D SILICON H 1SS131
	46 001042	(E)	D15	ED-307572	D SILICON H 1SS131
F1D	<b>≭EF-355374</b>	FUSE BET T 250V 500MA	D16	ED-307572	D SLICON H 1SS131
		[8]	D17	ED-307572	D SILICON H 1SS131
F2D	*EF-355374	FUSE BET T 250V 500MA	D18	ED-307572 El-373378	D SILICON H 188131 IC M50743-6008P T2100 CUSTOM
		[B]	IC2	El-338992	IC UPC1043C
F3D	*EF-358974	FUSE BET T 250V 630MA	IC3	El-348D71	IC M5218L-21
F4D	* EF-358974	(8) FUSE BET T 250V 630MA	IC4	EI-348071	IC M5218L-21
. 40	4-21-050574	[B]	IC5	EI-355602	IC LB1649
		[2]	TR1	ET-354414	TR DTC144ES
			TR2	ET-354414	TR DTC144ES
			TR3	ET-353897 ET-353897	TR DTC114ES TR DTC114ES
			TR5	ET-353897	TR DTC114ES
			TR6	ET-353897	TR DTC114ES
c ur		Ma D a Da Las	TR7	ET-353897	TR OTC114ES
b. HE	ADPHUNE A	MP P.C BOARD	TRB	ET-353897	TR DTC114ES
Ref. No.			TR8	ET-353897	TR DTC114ES
N#1. 190.	Part No.	Description	TR10	ET-353897	TR DTC114ES
IC701	E1-353227	IC M5216L	TR11	ET-353897	TR DTC114ES
IC701 IC706	E1-353227 ER-358810	IC M5216L R OMF H S15 FS 2W 181J	TR11 TR12	ET-353897 ET-353897	TR DTC114ES TR DTC114ES
IC701 IC706 IC706	E#353227 ER-358810 ER-358910	IC M5216L R OMF H S15 FS 2W 181J R OMF H S15 FS 2W 181J	TR11	ET-353897 ET-353897 ET-353897	TR DTC114ES TR DTC114ES TR OTC114ES
IC701 IC706	E1-353227 ER-358810	IC M5216L R OMF H S15 FS 2W 181J R OMF H S15 FS 2W 181J VR RDTARY RK18312AO A104X2	TR11 TR12 TR13	ET-353897 ET-353897	TR DTC114ES TR DTC114ES
IC701 IC706 IC706 VR701	E+353227 ER-358810 ER-358910 EV-373387	IC M5216L R OMF H S15 FS 2W 181J R OMF H S15 FS 2W 181J VR ROTARY RK18312AO A104X2 [REC LEVEL]	TR11 TR12 TR13 TR14	ET-353897 ET-353897 ET-353897 ET-308141	TR DTC114ES TR DTC114ES TR OTC114ES TR 2SC2603 G FD5
IC701 IC706 IC706	E#353227 ER-358810 ER-358910	IC M5216L R OMF H515 F5 2W 181J R OMF H515 F5 2W 181J VR ROTARY RK18312AO A104X2 JREC LEVEL) VR ROTARY RK1831210 M104 N104	TR11 TR12 TR13 TR14 TR15 TR16 TR17	ET-353897 ET-353897 ET-353897 ET-308141 ET-347981 ET-347981 ET-347981	TR DTC114ES TR DTC114ES TR OTC114ES TR 25C14ES TR 25C2603 G FD5 TR 25D1012-V G FD5 TR 25D1012-V G FD5 TR 25D1012-V G F05
IC701 IC706 IC706 VR701	E+353227 ER-358810 ER-358910 EV-373387	IC M5216L R OMF H S15 FS 2W 181J R OMF H S15 FS 2W 181J VR ROTARY RK18312AO A104X2 [REC LEVEL] VR ROTARY RK1831210 M104 N104 [REC BALANCE]	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR18	ET-353897 ET-353897 ET-353897 ET-308141 ET-347981 ET-347981 ET-347981 ET-347961	TR DTC114ES TR DTC114ES TR OTC114ES TR 2SC2603 G FD5 TR 2SC1012-V G FD5 TR 2SD1012-V G FD5 TR 2SD1012-V G FD5 TR 2SD1012-V G FD5 TR 2SD1012-V G FD5
IC701 IC706 IC706 IC706 VR701 VR702	EF-353227 ER-358810 ER-358910 EV-373387 EV-373385	IC M5216L R OMF H515 F5 2W 181J R OMF H515 F5 2W 181J VR ROTARY RK18312AO A104X2 JREC LEVEL) VR ROTARY RK1831210 M104 N104	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR18 TR19	ET-353897 ET-353897 ET-353897 ET-308141 ET-347981 ET-347981 ET-347981 ET-347981	TR DTC114ES TR DTC114ES TR OTC114ES TR 25C2603 G PD5 TR 25C1012 V G PD5 TR 25D1012 V G PD5 TR 25D1012 V G PO5 TR 25D1012 V G PO6 TR 25D1012 V G PO6 TR 25D1012 V G PO6
IC701 IC706 IC706 VR701 VR702	EF-353227 ER-358810 ER-358910 EV-373387	IC M5216L R OMF H S15 FS 2W 181J R OMF H S15 FS 2W 181J VR ROTARY RK18312AO A104X2 [REC LEVEL] VR RDTARY RK1831210 M 104 N104 [REC BALANCE] VR RDTARY RK16312AO A104X2 [PHOMES LEVEL] VR RDTARY RK1631110 B102	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR18 TR19 TR20	ET-353897 ET-353897 ET-353897 ET-353897 ET-347981 ET-347981 ET-347981 ET-347981 ET-354415	TR DTC114ES TR DTC114ES TR DTC114ES TR 25C114ES TR 25C2803 G FD5 TR 25D1012-V G FD5 TR 25D1012-V G FD5 TR 25D1012-V G F05 TR 25D1012-V G F06 TR 25D1012-V G F06 TR 25D1012-V G F06 TR 25D1012-V G F05 TR DTA144ES
IC701 IC706 IC706 IC706 VR701 VR702	EF-353227 ER-358810 ER-358910 EV-373387 EV-373385	IC M5216L R OMF H515 F5 2W 181J R OMF H515 F5 2W 181J VR RDTARY RK18312AO A104X2 [REC LEVEL] VR RDTARY RK1831210 M104 N104 [REC BALANCE] VR RDTARY RK16312AO A104X2 [PMOMES LEVEL]	TR11 TR12 TR13 TR14 1R15 TR16 TR17 TR18 TR19 TR20 TR20	ET-353897 ET-353897 ET-353897 ET-308141 ET-347981 ET-347981 ET-347981 ET-347981 ET-354415 ET-308141	TR DTC114ES TR DTC114ES TR DTC114ES TR 25C2603 G FD5 TR 25C1012-V G FD5 TR 25D1012-V G F05 TR 25D1012-V G F05 TR 25D1012-V G F06 TR 25D1012-V G F06 TR 25D1012-V G F06 TR 25D1012-V G F06 TR 25D1012-V G F05 TR DTA144ES TR 25C2803 G F05
IC701 IC706 IC706 IC706 VR701 VR702	EF-353227 ER-358810 ER-358910 EV-373387 EV-373385	IC M5216L R OMF H S15 FS 2W 181J R OMF H S15 FS 2W 181J VR ROTARY RK18312AO A104X2 [REC LEVEL] VR RDTARY RK1831210 M 104 N104 [REC BALANCE] VR RDTARY RK16312AO A104X2 [PHOMES LEVEL] VR RDTARY RK1631110 B102	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR18 TR19 TR20	ET-353897 ET-353897 ET-353897 ET-353897 ET-347981 ET-347981 ET-347981 ET-347961 ET-347981 ET-3538415 ET-358897	TR DTC114ES TR DTC114ES TR DTC114ES TR 2SC2603 G FD5 TR 2SC1012-V G FD5 TR 2SD1012-V G FD5 TR 2SD1012-V G FD5 TR 2SD1012-V G FD6 TR DTA144ES TR 2SC2803 G FD5 TR DTC114ES
IC701 IC706 IC706 IC706 VR701 VR702	EF-353227 ER-358810 ER-358910 EV-373387 EV-373385	IC M5216L R OMF H S15 FS 2W 181J R OMF H S15 FS 2W 181J VR ROTARY RK18312AO A104X2 [REC LEVEL] VR RDTARY RK1831210 M 104 N104 [REC BALANCE] VR RDTARY RK16312AO A104X2 [PHOMES LEVEL] VR RDTARY RK1631110 B102	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TA18 TR19 TR20 TR21 TR21	ET-353897 ET-353897 ET-353897 ET-308141 ET-347981 ET-347981 ET-347981 ET-347981 ET-354415 ET-308141	TR DTC114ES TR DTC114ES TR DTC114ES TR 25C2603 G FD5 TR 25C1012-V G FD5 TR 25D1012-V G F05 TR 25D1012-V G F05 TR 25D1012-V G F06 TR 25D1012-V G F06 TR 25D1012-V G F06 TR 25D1012-V G F06 TR 25D1012-V G F05 TR DTA144ES TR 25C2803 G F05
IC701 IC706 IC706 IC706 VR701 VR702	EF-353227 ER-358810 ER-358910 EV-373387 EV-373385	IC M5216L R OMF H S15 FS 2W 181J R OMF H S15 FS 2W 181J VR ROTARY RK18312AO A104X2 [REC LEVEL] VR RDTARY RK1831210 M 104 N104 [REC BALANCE] VR RDTARY RK16312AO A104X2 [PHOMES LEVEL] VR RDTARY RK1631110 B102	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR18 TR19 TR20 TR21 TR22 TR23 TR24 TR25	ET-353897 ET-353897 ET-353897 ET-308141 ET-347981 ET-347981 ET-347961 ET-347961 ET-354415 ET-308141 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897	TR DTC114ES TR DTC114ES TR DTC114ES TR 25C2603 G FD5 TR 25C2603 G FD5 TR 25D1012-V G FD5 TR 25D1012-V G FD5 TR 25D1012-V G FD6 TR 25D1012-V G FD6 TR 25D1012-V G FD6 TR 25D1012-V G FD6 TR 25D1012-V G FD5 TR DTA144ES TR 25C2803 G FD5 TR DTC114ES
IC701 IC706 IC706 IC706 VR701 VR702	EF-353227 ER-358810 ER-358910 EV-373387 EV-373385	IC M5216L R OMF H S15 FS 2W 181J R OMF H S15 FS 2W 181J VR ROTARY RK18312AO A104X2 [REC LEVEL] VR RDTARY RK1831210 M 104 N104 [REC BALANCE] VR RDTARY RK16312AO A104X2 [PHOMES LEVEL] VR RDTARY RK1631110 B102	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR18 TR19 TR20 TR21 TR22 TR23 TR24 TR25 TR26	ET-353897 ET-353897 ET-353897 ET-308141 ET-347981 ET-347981 ET-347981 ET-347981 ET-35415 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897	TR DTC114ES TR DTC114ES TR DTC114ES TR 2SC2603 G FD5 TR 2SC2603 G FD5 TR 2SD1012-V G FD5 TR 2SD1012-V G FD5 TR 2SD1012-V G FD6 TR 2SD1012-V G FD6 TR 2SD1012-V G FD6 TR 2SD1012-V G FD6 TR DTA144ES TR DTC114ES
IC701 IC706 IC706 IC706 VR701 VR702	EF-353227 ER-358810 ER-358910 EV-373387 EV-373385	IC M5216L R OMF H S15 FS 2W 181J R OMF H S15 FS 2W 181J VR ROTARY RK18312AO A104X2 [REC LEVEL] VR RDTARY RK1831210 M 104 N104 [REC BALANCE] VR RDTARY RK16312AO A104X2 [PHOMES LEVEL] VR RDTARY RK1631110 B102	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR18 TR19 TR20 TR21 TR22 TR23 TR24 TR25 TR25 TR25	ET-353897 ET-353897 ET-353897 ET-368141 ET-347981 ET-347981 ET-347981 ET-347981 ET-354415 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897	TR DTC114ES TR DTC114ES TR DTC114ES TA 25C2603 G FD5 TR 25C1012-V G FD5 TR 25D1012-V G FD5 TR 25D1012-V G FD6 TR DTA144ES TR 25C2603 G FD5 TR DTC114ES TR DTC114ES TR 25C2603 G FD5
IC701 IC706 IC706 VR701 VR702 VR703 VR704	E1353227 ER-358810 ER-358910 EV-373387 EV-373385 EV-373388 EV-373389	IC M5216L R OMF H S15 FS 2W 181J R OMF H S15 FS 2W 181J VR ROTARY RK18312AO A104X2 [REC LEVEL] VR RDTARY RK1831210 M 104 N104 [REC BALANCE] VR RDTARY RK16312AO A104X2 [PHOMES LEVEL] VR RDTARY RK1631110 B102	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR18 TR19 TR20 TR21 TR22 TR23 TR24 TR25 TR25 TR26 TR27 TR28	ET-353897 ET-353897 ET-353897 ET-368141 ET-347981 ET-347981 ET-347981 ET-347981 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-35414 ET-364414 ET-364414 ET-354414	TR DTC114ES TR DTC114ES TR DTC114ES TR 2SC2603 G PD5 TR 2SC2603 G PD5 TR 2SD1012-V G PD5 TR 2SD1012-V G PO5 TR 2SD1012-V G PO6 TR 2SD1012-V G PO6 TR 2SD1012-V G PO6 TR 2SD1012-V G PO6 TR 2SD1012-V G PO5 TR DTA144ES TR 2SC2803 G FO5 TR DTC114ES TR DTC114ES TR 2SC2803 G FO5 TR 2SC2803 G FO5 TR 2SC2803 G FO5 TR 2SC2803 G FO5 TR DTC144ES TR DTC144ES
IC701 IC706 IC706 VR701 VR702 VR703 VR704	E1353227 ER-358810 ER-358910 EV-373387 EV-373385 EV-373388 EV-373389	IC M5216L R OMF H S15 FS 2W 181J R OMF H S15 FS 2W 181J VR BOTARY RK18312A0 A104X2 [REC LEVEL] VR RDTARY RK1831210 M104 N104 [REC BALANCE] VR RDTARY RK16312A0 A104X2 [PHOMES LEVEL] VR RDTARY RK1631110 B102 [BIAS ADJUST]	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR18 TR19 TR20 TR21 TR22 TR22 TR23 TR24 TR25 TR26 TR27 TR28	ET-353897 ET-353897 ET-353897 ET-368141 ET-347981 ET-347981 ET-347961 ET-347961 ET-347961 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-35414 ET-354414 ET-354414 ET-354414 ET-354414	TR DTC114ES TR DTC114ES TR DTC114ES TR 2SC2603 G FD5 TR 2SC1012-V G FD5 TR 2SD1012-V G F05 TR 2SD1012-V G F06 TR 2SD1012-V G F06 TR 2SD1012-V G F06 TR 2SD1012-V G F06 TR DTC114ES TR DTC114ES TR DTC114ES TR 2SC2603 G F05 TR DTC144E5 TR DTC114E5
IC701 IC706 IC706 VR701 VR702 VR703 VR704	E1353227 ER-358810 ER-358910 EV-373387 EV-373385 EV-373388 EV-373389	IC M5216L R OMF H S15 FS 2W 181J R OMF H S15 FS 2W 181J VR BOTARY RK18312A0 A104X2 [REC LEVEL] VR RDTARY RK1831210 M104 N104 [REC BALANCE] VR RDTARY RK16312A0 A104X2 [PHOMES LEVEL] VR RDTARY RK1631110 B102 [BIAS ADJUST]	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR18 TR19 TR20 TR21 TR22 TR23 TR24 TR25 TR25 TR26 TR27 TR28	ET-353897 ET-353897 ET-353897 ET-308141 ET-347981 ET-347981 ET-347981 ET-347981 ET-354961 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897	TR DTC114ES TR DTC114ES TR DTC114ES TR OTC114ES TR 2SC2603 G FD5 TR 2SD1012-V G FD5 TR 2SD1012-V G FD5 TR 2SD1012-V G FD6 TR DTC114ES TR DTC14ES TR DTC11ES
IC701 IC706 IC706 IC706 VR701 VR702 VR703 VR704	E1353227 ER-358810 ER-358910 EV-373387 EV-373385 EV-373388 EV-373389	IC M5216L R OMF HS15 FS 2W 181J R OMF HS15 FS 2W 181J VR ROTARY RK18312A0 A104X2 [REC LEVEL] VR ROTARY RK1831210 M104 N104 [REC BALANCE] VR ROTARY RK18312A0 A104X2 [PHONES LEVEL] VR ROTARY RK1631110 B102 [BIAS ADJUST]  S P.C BOARD  Description	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR16 TR19 TR20 TR21 TR22 TR21 TR22 TR22 TR28 TR28 TR28 TR28 TR28 TR29 TR30	ET-353897 ET-353897 ET-353897 ET-368141 ET-347981 ET-347981 ET-347961 ET-347961 ET-347961 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-35414 ET-354414 ET-354414 ET-354414 ET-354414	TR DTC114ES TR DTC114ES TR DTC114ES TR 2SC2603 G FD5 TR 2SC1012-V G FD5 TR 2SD1012-V G F05 TR 2SD1012-V G F06 TR 2SD1012-V G F06 TR 2SD1012-V G F06 TR 2SD1012-V G F06 TR DTC114ES TR DTC114ES TR DTC114ES TR 2SC2603 G F05 TR DTC144E5 TR DTC114E5
IC701 IC706 IC706 IC706 VR701 VR702 VR703 VR704	E1353227 EA358810 ER-358910 EV-373387 EV-373385 EV-373389 EV-373389	IC M5216L R OMF HS15 FS 2W 181J R OMF HS15 FS 2W 181J VR ROTARY RK18312A0 A104X2 [REC LEVEL] VR ROTARY RK1831210 M104 N104 [REC BALANCE] VR ROTARY RK1831210 M104 X2 [PHOMES LEVEL] VR ROTARY RK1631110 8102 [BIAS ADJUST]	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR18 TR19 TR20 TR21 TR22 TR23 TR24 TR25 TR25 TR26 TR27 TR28 TR29 TR29 TR21 TR25 TR29 TR29 TR29 TR29 TR31 TR29 TR30 TR31 TR32 TR33	ET-353897 ET-353897 ET-353897 ET-368141 ET-347981 ET-347981 ET-347981 ET-347981 ET-347981 ET-353897	TR DTC114ES TR DTC114ES TR DTC114ES TR 25C2603 G FD5 TR 25C2603 G FD5 TR 25D1012-V G FD5 TR 25D1012-V G FD5 TR 25D1012-V G FD6 TR 25C2603 G FD5 TR DTC114ES TR DTC114ES TR DTC114ES TR DTC114ES TR 25C2603 G FD5 TR 25C2603 G FD5 TR DTC14ES TR DTC14ES TR DTC14ES TR DTC14ES TR DTC14ES TR DTC14ES TR DTC114ES
IC701 IC706 IC706 IC706 VR701 VR702 VR703 VR704	E1353227 ER-358810 ER-358910 EV-373387 EV-373385 EV-373388 EV-373389	IC M5216L R OMF HS15 FS 2W 181J R OMF HS15 FS 2W 181J VR ROTARY RK18312A0 A104X2 [REC LEVEL] VR ROTARY RK1831210 M104 N104 [REC BALANCE] VR ROTARY RK1831210 M104 N104 [REC BALANCE] VR ROTARY RK18312A0 A104X2 [PHOMES LEVEL] VR ROTARY RK1631110 8102 [BIAS ADJUST]  S P.C BOARD  Description C CE VF 1032 250AC [U]	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR18 TR19 TR20 TR21 TR22 TR23 TR24 TR25 TR26 TR27 TR28 TR27 TR28 TR29 TR30 TR31 TR32 TR32 TR32 TR33 TR34	ET-353897 ET-353897 ET-353897 ET-308141 ET-347981 ET-347981 ET-347981 ET-347981 ET-347981 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897 ET-353897	TR DTC114ES TR DTC114ES TR DTC114ES TR 2SC2603 G FD5 TR 2SC1012-V G FD5 TR 2SD1012-V G FD5 TR 2SD1012-V G FD6 TR 2SD1012-V G FD6 TR 2SD1012-V G FD6 TR 2SD1012-V G FD6 TR DTC114ES TR DTC114ES TR DTC114ES TR DTC114ES TR DTC14EE TR DTC114ES TR DTC114ES TR DTC114ES TR DTC114ES
IC701 IC706 IC706 IC706 IC706 IC706 IC707 IC702 VR702 VR703 VR704  7. POV Ref. No. C801A C801B	E1353227 En.358910 ER.358910 EV.373387 EV.373388 EV.373389  WER TRANS  Port No.  *EC.320548  *EC.338411	IC M5216L R OWF HS15 FS 2W 181J R OWF HS15 FS 2W 181J VR ROTARY RK18312AO A104X2 [REC LEVEL] VR ROTARY RK1831210 M104 N104 [REC BALANCE] VR ROTARY RK16312AO A104X2 [PHONES LEVEL] VR ROTARY RK16311AO B102 [BIAS ADJUST]  Description C CE V F 1032 250AC	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR16 TR19 TR20 TR21 TR22 TR22 TR22 TR22 TR25 TR26 TR27 TR28 TR29 TR30 TR31 TR31 TR32 TR33 TR34 TR35	ET-353897 ET-353897 ET-308141 ET-347981 ET-347981 ET-347981 ET-347981 ET-347981 ET-347981 ET-353897	TR DTC114ES TR DTC114ES TR DTC114ES TR OTC114ES TR 2SC2603 G FD5 TR 2SD1012-V G FD5 TR 2SD1012-V G FD5 TR 2SD1012-V G FD6 TR DTC114ES
IC701 IC706	E1353227 ER-358810 ER-358910 EV-373387 EV-373385 EV-373388 EV-373389  WER TRANS Port No. #EC-320548 #EC-338411 E0-368465	IC M5216L R OMF HS15 FS 2W 181J R OMF HS15 FS 2W 181J VR RDTARY RK18312A0 A104X2 [REC LEVEL] VR RDTARY RK1831210 M104 N104 [REC BALANCE] VR RDTARY RK1831210 M104 N104 [REC BALANCE] VR RDTARY RK18312A0 A104X2 [PHONES LEVEL] VR RDTARY RK1631110 B102 [BIAS ADJUST]  S P.C BOARD  Description C CE V F 1032 250AC [U] C CE V F 103P 400AC [C.B.E] COL LIF LEFAN	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR18 TR19 TR20 TR21 TR22 TR23 TR24 TR25 TR26 TR27 TR28 TR29 TR30 TR31 TR32 TR32 TR32 TR33 TR34 TR35 TR36	ET-353897 ET-353897 ET-353897 ET-308141 ET-347981 ET-347981 ET-347981 ET-347981 ET-347981 ET-353897	TR DTC114ES TR DTC114ES TR DTC114ES TR 2SC2603 G FD5 TR 2SC1012-V G FD5 TR 2SD1012-V G F05 TR 2SD1012-V G F05 TR 2SD1012-V G F06 TR 2SD1012-V G F06 TR 2SD1012-V G F06 TR 2SD1012-V G F06 TR DTA144ES TR DTC114ES TR DTC114ES TR DTC114ES TR DTC14ES TR DTC114ES
IC701 IC706 IC706 IC706 VR701 VR702 VR703 VR704	E1353227 En.358910 ER.358910 EV.373387 EV.373388 EV.373389  WER TRANS  Port No.  *EC.320548  *EC.338411	IC M5216L R OMF HS15 FS 2W 181J R OMF HS15 FS 2W 181J VR BOTARY RK18312A0 A104X2 [REC LEVEL] VR BOTARY RK1831210 M104 N104 [REC BALANCE] VR ROTARY RK16312A0 A104X2 [PHONES LEVEL] VR ROTARY RK1631110 B102 [BIAS ADJUST]  S P.C BOARD  Description C CE V F 1032 250AC [U] C CE V FZ 103P 400AC [CR.E]	TR11 TR12 TR13 TR14 TR15 TR16 TR17 TR16 TR19 TR20 TR21 TR22 TR22 TR22 TR22 TR25 TR26 TR27 TR28 TR29 TR30 TR31 TR31 TR32 TR33 TR34 TR35	ET-353897 ET-353897 ET-308141 ET-347981 ET-347981 ET-347981 ET-347981 ET-347981 ET-347981 ET-353897	TR DTC114ES TR DTC114ES TR DTC114ES TR OTC114ES TR 2SC2603 G FD5 TR 2SD1012-V G FD5 TR 2SD1012-V G FD5 TR 2SD1012-V G FD6 TR DTC114ES

#### 8. HEADPHONE P.C BOARD

Ref. No.	Part No.	Description
<i>⊒</i> 701	EJ 369995	PHONE J 3P HLJ054D-410 GP 63

PARTS LIST

#### 10. SYSTEM CONTROL (2) P.C BOARD

Ref. No.	Part No.	Description
0201	ED-624903	O SILICON H 1S2473
D202	ED-624903	D SILICON H 1S2473
D203	ED-307572	D SILICON H 1SS131
D204	ED-624903	D SILICON H 1S2473
D205	ED-624903	D SILICON H 1S2473
IC201	El-345765	IC LB1292
IC202	El-345765	IC LB1292
IC203	El-337013	IC LB1290
IC204	EI-356327	IC HA12067NT
N201	EM-373136	IND FL FIP26AW15Y
SW201	ES-373380	SW PUSH ES8-68630 4 THROW N
		[NR SW]
TR201	ET-360B24	TR DTC144EF
TR202	ET-360B24	TR DTC144EF
TR203	ET-372030	TR DTA144EF
TR204	ET-372030	TR DTA144EF
TR205	ET-360824	TR DTC144EF
TR206	ET-380824	TR DTC144EF
TS201	ES-373381	SW TACT SKHHPP
TS202	ES-373381	SW TACT SKHHPP
T\$203	ES-373381	SW TACT SKHHPP
T\$204	ES-373381	SW TACT SKHHPP
TS205	ES-373381	SW TACT SXHHPP
TS206	ES-373381	SW TACT SKHHPP
TS207	ES-373381	SW TACT SKHHPP
TS208	ES-373381	SW TACT SKHHPP
TS209	ES-373381	SW TACT SKHIPP
T\$210	ES-373381	SW TACT SKHHPP

### 11. TIMER SW P.C BOARD

Ref. No.	Part No.	Description
SW301	ES-37D965	SW SLIDE SSSU02 1-D1-03N

#### 12. REMOCON JACK P.C BOARD

Ref. No.	Pert No.	Description
J401	EJ-346076	DIN J TCS4890-01-1111 P BP (REMOTE)

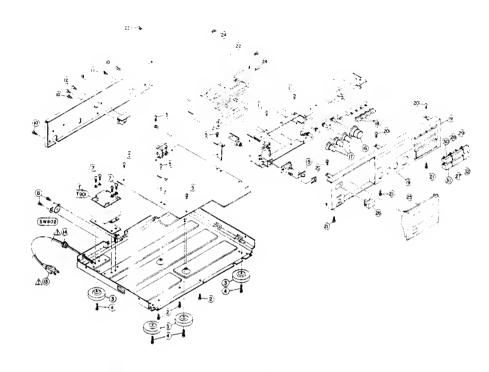
#### 13. MOTOR P.C BOARD

Ref. No.	Pert No.	Description
D5	ED-338581	D ZENER H HZ2FA 82 F10
IC1	El-201940	IC NJM455BS
IC2	El-201940	IC NJM4558S
IC3	El-337568	HDLE E DHD-H070
IC4	El-337568	HOLE E DHD-H070
TR1	ET-30B977	TR 2SC2274K F F05
TR2	ET-337760	TR 2SA984K F
TR3	ET-308977	TR 2SC2274K F F05
TR4	ET-337760	TR 2SA984K F
VRI	EV-464253	R S-FIX V V8K1 1 0 10W 202
VR2	EV.464253	R S-FIX V V8K1-1 0 10W 2D2

#### 14. FINAL ASSEMBLY BLOCK

Ref. No.	Part No.	Description				
1	ZS-361242	ST 8R26X06STL CMT				
2	ZS-345272	ST BR30X06STL BNI				
3	SA-8369350A1	FDDT PART				
4	ZS-351098	ST BR30X12STL BNI				
5	ZS-3420D1	ST BR30X06STL NI3				
6	MZ-553948	WIRE BAND F-100				
T9D1A	*BT-373394	TRANS POWER T2100(U)				
T901B	*BT-373395	TRANS POWER T2100(A.C)				
T901C	*BT-373396	TRANS POWER T2100(E,V)				
T901D	*BT-373398	TRANS POWER T2100(B.S) [B.S]				
7	ZS-3225BD	ST BID40X08STL BNI				
SW802	*ES-359608	SW SELECTOR BT-41S0454 01-4				
		[U] [VOLTAGE SELECTOR]				
В	ZS-352133	ST BR30X IDSTL CMT				
9 <b>A</b>	SP-37333BA	PANEL REAR GX-52(U)				
		[U]				
9B	SP-373338C	PANEL REAR GX-52(C)				
9C	SP-373338D	PANEL REAR GX-S2(E)				
9D	SP-373338E	PANEL REAR GX-S2(8)				
10	ZS-34S272	ST BR30XOBSTL 8NI				
11	ZS-3S0934	PT BR30X0BSTL BNI				
12	ZW-23103D	RV NYL30X045 BL				
13A	*EW-383854	AC CORD 200 0129AVFF 8300 A U/				
138	*EW-383817	AC CORD200 0238 SPT1 8300 A UC				
13C	*EW-383687	AC CORD 200 0364 LCFL 8300 A E [E]				
130	*EW-363879	AC CORD 200 LCFL 8300 A 8 [8]				
14	*E2-330775	CLAMPER CORD 130				
15-G	SK-3S8088E	XNOB SLIDE(4)-GOLD				
		[TIMER START-GOLD]				
15-8	SK-3S8086B	KNOB SLIDE-BLACK				
		[TIMER START-BLACK]				
16-G	SK-3733348	KNOB VR(A)-GOLD				
		[REC LEVEL-GOLD]				
18-8	SK-373334A	KNOB VR(A)-BLACK				
		[REC LEVEL-BLACK]				
17-G	SX-37333S8	KNOB VR(8)-GOLD				
	CV 270000 t	[GOLD]				
17-8	SK-37333SA	XNOB VR(8)-8LACK				
18-G	SK-3733408	(BLACK) XNOB PUSH-GOLD				
		[GOLD]				
18-8	\$K-373340A	XNOB PUSH-BLACK				
19-G	BD-T2100A060A	(BLACK) PANEL FRONT BLK GX-52-G				
•		(GOLD)				

## FINAL ASSEMBLY BLOCK



Ref. No.	Part No.	Description	Ref. No	. Part No.	Description
19-8	BD-T2100A060B	PANEL FRONT BLK GX-S2-8 "BLACK]	28-G	SK-373336D	KNOB OPERATION(A) PLAY-GOLD [GOLD]
20	ZS-320906	ST BR30X06STL CMT	28-8	SK-373336C	XNOB OPERATION(A) PLAY-BLACK
21	25-30S827	ST BID30X06STL BNI			[BLACK]
22.G	SP-3733438	COVER UPPER-GOLD [GOLD]	29-G	SX-373337B	XNOS OPERATION(8) FF-GOLD [GOLD]
22-B	SP-373343A	COVER UPPER-BLACX BLACK	29-8	SK-373337A	KNOB OPERATION(B) FF-BLACK [BLACK]
23-G	Z\$-342001	ST BR30X06STL NI3	30-G	SX-373337D	XNOS OPERA TION(B) REW-GOLD [GOLD]
23-8	25-345272	ST BR30X06STL BNI BLACK]	30-В	SK-373337C	XNOB OPERATION(B) REW-BLACK [BLACK]
24-G	ZS-341959	ST BID40X06STL NI3 GOLDI	31-G	SK-373337F	KNOB OPERATION(B) PAUSE-GOLD
24-8	2S-34196D	ST BID40X06STL BNF BLACK	31-8	SK-373337E	KNOB OPERATION(B) PAUSE BLACK
25-G	BD-T2100A070A	LD PANEL BLK GX-52-G GOLO'	32-G	SK-373337H	KNOB OPERATION(B) MUTE-GOLD
25-B	BD-T2100AD708	LO PANEL BLK GX-52-B BLACK:	32-B	SK-373337G	KNOB OPERATION(B) MUTE-BLACK   8LACK
26-G	SX-373236A	CNOB POWER-GOLD GOLD)			
26-8	SK-373236B	CNOB POWER-BLACK 3LACK			
27-G	SX-3733368	CNOB OPERATION(A) STOP-GOLD GOLD:	NOTE	SYMBOL FOR O	COLOR VALIATION
27-B	SK-373336A	(NOB DPERATION(A) STOP-BLACX		B: BLACK	
		BLACK'	1	G: GOLD	

-PARTS LIST-

# INDEX

Part No	Ref No	Part No	Raf No	Part No	Ref No	Part No	Ref No.
BA-T2100A040A	1A	ED-330622	D555	El-337568	IC3	ET-308141	TR21
3A-T2100A040B	18	ED-330622	D556	El-337588	IC4	ET-308141	TR25
A-T2100A050A	2	ED-330622	D562	El-345765	38	ET-308141	TR26
8-T2100A020A	1	ED-330622	D583	El-345765	IC201	ET-308472	74
3B-T2100A020A	1	ED-330622	D564	El-345765	IC202	ET-305472	TR407
BD-T2100A060A	19-G	EO-330622	D565	EI-346071	43	ET-308472	TR555
BD-T2100A060B	19-8	ED-330622	D566	El-346071	IC301	ET-308472	TR30
D-12100A0000						E1-306472	
3D-T2100A070A	25-G	ED-336332	D7	EI-346071	IC3	ET-308977	78
BD-T2100A070B	25-8	ED-338561	16	El-346071	IC4	ET-308977	TR405
BF-8338Q13	14	ED-338561	D5	Ei-348785	44	ET-308977	TR406
BH-T2100A030A	2	ED-344244	D901	El-348785	IC101	ET-308977	TR1
BH-T2100A030A	32	ED-346538	23	El-353227	42	ET-308977	TR3
BL-B336007	4	ED-346536	D519	E⊦353227	IC701	ET-337780	77
SL-8336009	10	ED-346538	D520	EI-355802	39	ET-337780	TR2
NB338150	21	ED-346540	24	EI-355602	IC5	ET-337780	TR4
L-B338155	29	ED-346540	D507	EI-356327	36	ET-345091	82
L-T2030A180A	17	ED-346540	D510	EI-358327	IC204	ET-345091	PH1(R)
L-T2030A170A	18	ED-346550	15	EI-357498	41	ET-345091	PH1(L)
M-B338989	M902	ED-348550	D516	El-357498	IC601	ET-347961	
M-8345196	4	ED-346550	D51B	EI-359985	35	ET-34/981	83 TR15
BM-B345196 BM-M3103A010A	M903	ED-346593	D6	El-359985	IC201	ET-347981	TR16
	3	ED-346604	21	El-372031	48	ET-347961	TR17
M-M3103A010A	M901	ED-346604	D11	EI-372031	X1	ET-347961	TR18
R-T2089 A360A	6	ED-346609	22	El-373379	40	ET-347981	TR19
R-T2089A360A	12	ED-346609	D9	El-373379	IC1	ET-349081	82
T-373394	8	ED-346624	18	EI-373383	47	ET-349081	
							TR101
T-373384	T901A	ED-346624	D5B0	E⊦373383	IC401	ET-349081	TR102
T-373396	6	ED-373390	D506	EJ-336905	J601	ET-349081	TR103
T-373395	T9016	ED-373390	D509	EJ-348076	J401	FT-349081	TR201
T-373386	8	ED-624903	11	EJ-369995	J701	ET-349081	TR201
T-373388	T901C	ED 924000	Dict	EM 979499	**		_
31-373388 3T-373398	7	ED-824903 ED-824903	D101 D505	EM-373138 EM-373136	49 IN201	ET-349081 ET-349081	TR203 TR301
3T-373398	T801D	ED-824903	D508	E0-323882	FL 202	FT-349081	
							TR302
Z-T2030A110C	3	ED-624903	D616	E0-357050	L301	ET-349081	TR303
A-336012	13	ED-624903	D617	EO-388485	FL801	ET-349081	TR304
C-320548	C801A	ED-824903	D559	EO-369998	L302	ET-349081	TR305
C-338411	C801B-	ED-624903	D601	E0-372896	L201		
D-306010	19	ED-624903				ET-349081	TR308
			D602	E0-373384	T401	ET-349081	TR307
D-306010	D557	ED-624903	D201	E0-373483	T402	ET-349081	TR501
D-307572	10	ED-824903	D202	EO-328529	50	ET-349081	TR504
D-307572	D1	ED-624903	D204	EQ-328529	PI 101	FT 240004	TOFOE
D-307572					RL101	ET-349081	TR505
	D2	ED-624903	D205	ER-200926	52	ET-349081	TR506
D-307572	D3	EF-306949	29	ER-200928	FR501	ET-349081	TR507
D-307572	D4	EF-3D6949	F3A	FR-200972	53	ET-352726	76
D-307572	D5	FF-306949	F4A	ER-200972	FR401	ET-352726	TR502
D-307572	D10	EF-309388	30		54		18502
				ER-358910		ET-352726	TR503
D-307572	D12	EF-309388	F1A	ER-358910	IC705	ET-352728	TR508
D-307572	D13	EF-309388	F2 A	ER-358910	IC706	E7-352726	TR509
D-307572	D14	EF-309391	32	ER-387642	51	ET-352726	TR510
D-307572	D15	EF-309391	F1B	ER-367642	FR502	ET-353897	66
D-307572	Dic	FC 200001					
	D16	EF-309391	F28	E\$-338990	55	ET-353897	TR3
0-307572	D17	EF-309392	31	ES-336990	SW902	ET-353897	TR4
0-307572	D18	EF-309392	F38	E5-338990	SW903	ET-353897	TR5
0-307572	D203	EF-309392	F4B	ES-336990	SW904	ET-353897	TRE
D-309089	20	EF-355374	25	E5-359608	59	ET-353897	TR7
0-309069	D558	EF-355374	F1D	ES-359606			
0-316389	13	EF-355374			SW802	ET-353897	TR8
			F2D	E5-370965	60	ET-353897	TR9
0-316389	D8	EF-358974	26	ES-370965	SW301	ET-353897	TR10
0-324013 0-324013	17	EF-358974	F3D	ES-371104	58	ET-353897	TR11
0 324013	0561	EF-358974	F40	ES-371104	5W801	ET-353897	TR12
0-324014	14	EF-593706	27	E5-372912	56	ET-353897	TR13
0-324014	0523	EF-593706	F1C	ES-372912	SW905	ET-353897	TR22
324014	D552	EF-593706	F2C	ES-373380	57	ET-353697	
0-324014	D552	EF-601942					TR23
0-324014			28	ES-373380	SW201	ET-353897	TR24
	12	EF-601942	F3C	ES-373381	61	ET-353897	TR29
0-330622	D501	EF-601942	F4C	ES-373381	TS201	ET 353897	TR32
-330622	0502	EH-368105	FL101	ES-373381	TS202	ET-353897	TR33
330622	D503	EH-368105	FL203	ES-373381	TS203	ET-353897	TR34
-330622	0504	EH-368105	FL204				
330622	0511	EH-368105	FL204 FL205	ES-373381 ES-373381	TS204 TS205	ET-353897 ET-353897	TR35 TR36
						L1-3.308/	rnso
0-330622	0512	EH-372101	33	ES-373381	⊺\$206	ET-353897	TR37
330622	0513	EH-372101	FL201	ES 373381	TS207	ET-354083	84
330622	0514	EI-201940	45	ES-373381	TS208	ET-354083	TR553
0-330622	D521	E-201940					
330622	D521 D522		IC1	ES-373381	TS209	ET-354365	67
		El-201940	IC2	ES 373381	TS210	ET-35-365	TR105
330622	D541	El 336992	4€	ET-308141	79	ET-354365	TR106
330622	D542	El-336992	IC2	ET-308141	TR513	ET-354±14	72
330622	D543	EI 337013	37	ET-308141	TR554		
						ET 352414	TR1
	DEAA						
330622	D544 D554	E: 337013 E: 337568	IC203	ET 308141 ET-308141	TR556 TR14	ET-3514	TR2

# INDEX

Part No.	Raf No	Part No.	Ref No	Part No	Ref No	Part No	Ref No.
ET-354414	TR28	SK-373236B	26-8	ZW-270088	30		
ET-354415	85	SK-373334A	16-8	2W-305546	23	1	
ET-354415	TR411	SK-3733348	16-G	ZW-308464	47	-	
ET-354415	TR601	SK-373335A	17-8	ZW-329422	48	1	
ET-354415 ET-354415	TR602 TR603	SK-3733358	17-G	ZW-330073	15		
ET-354415		SK-373336A	27-B	ZW-336604	7		
ET-354841	TR20	SK-3733368	27-G	ZW-356657	24	i	
ET-354841	75	SK-373336C	28-8	ZW-373137	37	1	
ET-354841 ET-357845	TR552	SK-373338D	28-G	ZW-653163	5	i	
E1-30/840	81	SK-373337A	29-8				
ET-357845	TR401						
ET-357645	TR511	SK-373337B	29-G				
ET-357845	TR551	SK-373337C	30-8				
ET-360B24	71	SK-373337D	30-G	į			
ET-360824	TR2D1	SK-373337E	31-8				
ET-380824	TR202	SK-373337F SK-373337G	31-G			Į.	
ET-360824	TR2D5	SK-3733376	32-8			1	
ET-360824	TR206	SK-373340A	32-G	i			
ET-385394	BO	SK-373340B	18-8				
ET-365394	TR557	SP-3381828-A	18-G			1	
L:-003034	14007	57-3361628-A	49	ļ		(	
ET-370310	73	SP-3361638	52	!			
ET-37031D	73 TR403	SP-373338A	52	i		1	
ET-370310	TR404	SP-373338A SP-373338C	9A 98	İ		1	
ET-370310	TR409	SP-373338D	96 9C	1		1	
ET-370310	TR410	SP-373338F	9C 9D	1			
ET-372030	64	SP-373343A	22-B	1		1	
ET-372030	TR203	SP-373343B	22-B 22-G			1	
ET-372030	TR204	SZ-336166	22-G 64	1		1	
ET-373382	63	TC-336002	8			1	
ET-373382	TR31	TC-336002	1			1	
			•				
ET-373391	70	TC-336016	15	1		1	
ET-373391	TR402	TC-336142	14	!			
ET-373392	69	TC-338146	19	!		1	
ET-373392	TR408	TC-336181	46	1			
ET-373485	88	TC-338805	91	i			
ET-373485	TR104	TC-338605	8	Ī		-	
EV-330531	VR1	ZG-312946	20			i	
EV-337052	VR901	ZG-321534	28	1		1	
EV-337996	VR402	ZG-336130B	35			1	
EV-337996	VR403	ZG-336140	10	1		j	
				1		1	
EV-345781	VR401	ZG-336141	13	ì		i	
EV-356577	VR102	ZG-336157	41	1		1	
EV-356582	VR101	ZG-336160	45	1			
EV-357819	VR201	ZG-338615	53	1			
EV-357618	VR301	ZG-341870	4	į.		į.	
EV-373385	88	ZG-341972	39				
EV-373385	VR702	ZG-342575	27	]			
EV-373387	86	ZG-373323	33			i	
EV-373387	VR701	ZS-201275	6			i	
V-373388	87	ZS-201275	51	-		1	
				1		ł	
V-373388	VR703	ZS-201508	34	1		]	
V-373389	85	ZS-305827	21	1		1	
V-373389	VR704	ZS-308931	42	1		i	
V-464253	VR1	ZS-320906	20			1	
V-464253	VR2	ZS-322580	7	1		!	
W-363617 W-363654	138	ZS-336614	8			1	
	13A	ZS-341959	24-G				
W-363667	130	ZS-341960	24-B	1		1	
W-363679	13D	ZS-342001	5				
<b>Z-330</b> 775	14	ZS-342001	23-G	1		[	
R-H2505A010A	no.			1			
	89	ZS-345272	2	<u>I</u>			
R-H2505A010A. IZ-336129	H901	ZS-345272	10	[		I	
Z-336129 IB-336021	36	ZS-345272	23-8				
B-336021 L-336158	18 43	ZS-350934	11	i			
L-336158 L-336159-A	43	ZS-351098	4	i			
E-336159-A P-346329	90	ZS-352133	8	i			
P-346329	90 22	ZS-361242	1				
R-336019	17	ZS-391386	38	:			
7-305793		ZS-432843	3				
-500/33	16	ZS-464703	7				
V-357208	31	70 177				i	
V-357208 V-357208		ZS-477876	12				
V-3572U8 Z-336005	40 2	ZS-479474	SO				
Z 336006		ZS-479474	9				
Z-353158	6	ZS-550708	11			ļ	
7 553948	11 6	ZS-592378	16				
4-83 <b>69</b> 350A:	3	ZS-608106	2				
358066B	3 15- <b>B</b>	ZW-231030	12				
-358066E	15-B 15-G	ZW-270088	5				
373236A	26-G	ZW 27008B	25				
	Z0-G	ZW 270088	26				

PARTS LIST-

- SERVICE MANUAL

Abbreviation	Explanation	Abbreviation	Explanation
AC	Alternating Current	MIN	MINute
A/D	Analog/Digital	MML	Maximum Modulation Level
AF	Auto Fader	MOL	Maximum Output Level
AMP	AMPlifier	MPX	Multi PleX
AR	Anti Recording	NC	Not Connected (No Connection)
AT BIAS	Auto Tuning BIAS	NFB	Negative Feed Back
ATT	ATTenuator	NORM	NORMal
BAL	BALance	NR	Noise Reduction
BEF	Band Elimination Filter	osc	OSCillator (OSCillation)
BSS	Blank Search System	P	Pulse
CAP M	CAPsTan Motor	PB	Play Back
СН	CHannel	QMSS	Quick Memory Search System
COMP	COMParator	QR	Quick Reverse
CONT	CONTinuance	R CH	Right CHannel
CRLP	Computer Recording Level Process-	REC	RECord (RECording)
	ing		
CS	Chip Select	REV	REVerse
D/A	Digital/Analog	ROT	ROTation
DC	Direct Current .	REW .	REWind
DET	DETector	SEC	SECond
DISCRI	DISCRIminator	SELE	SELEctor
DUB	DUBbing	SENS	SENSitivity
EQ	EQualizer	SEPP	Single Ended Push Pull
FF (or F. FWD)	Fast Forward	SIG	SIGnal
FLD	FLuorescent Display	SPECT	SPECTrum
FREQ	FREQuency	STD	STanDard
FWD	ForWarD	sw	SWitch
GND	GrouND	SYSCON	SYStem CONtrol
н	High	TP	Test Point
HPF	High Pass Filter	TRIG	TRIGa
IND	INDicator	VCA	Voltage Control Attenuator
IPLS	Instant Program Location System	VOL	VOLume
L	Low	VOLT	VOLTage
L CH	Left CHannel	VR	Variable Resistor
LED	Light Emitining Diode	X'TAL	cysTAL
MEMO	MEMOry	Χı	Normal speed
MICOM	MIcroCOMputer	X2	Dubble speed

SERVICE MANU

18

# **AKAI**

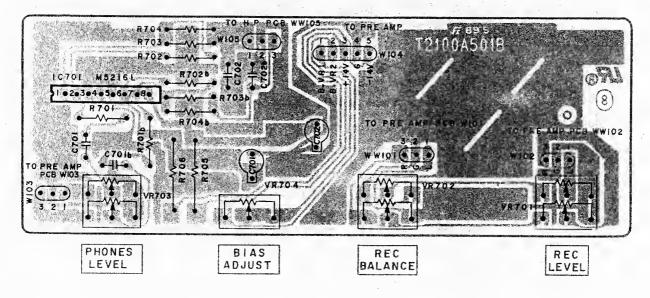
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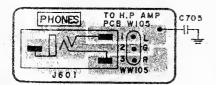
# SCHEMATIC DIAGRAM AND PC BOARDS

## TABLE OF CONTENTS

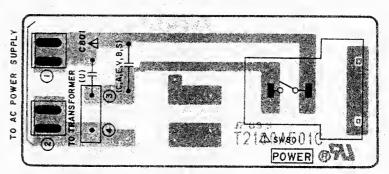
OTHER PC BOARDS
2. CONNECTION DIAGRAM
3. SYSTEM CONTROL SCHEMATIC DIAGRAM
4. SYSTEM CONTROL (1) PC BOARD,
SYSTEM CONTROL (2) PC BOARD, AND MOTOR PC BOARD
5. PRE AMP SCHEMATIC DIAGRAM
6. PRE AMP PC BOARD
7. BLOCK DIAGRAM

# HEAD PHONE AMP PCB T2100A501B

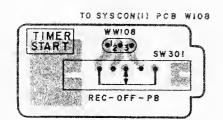




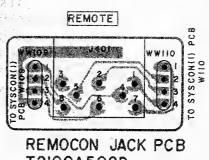
HEAD PHONE PCB T2100A501D



POWER TRANS PCB T2100A50IC



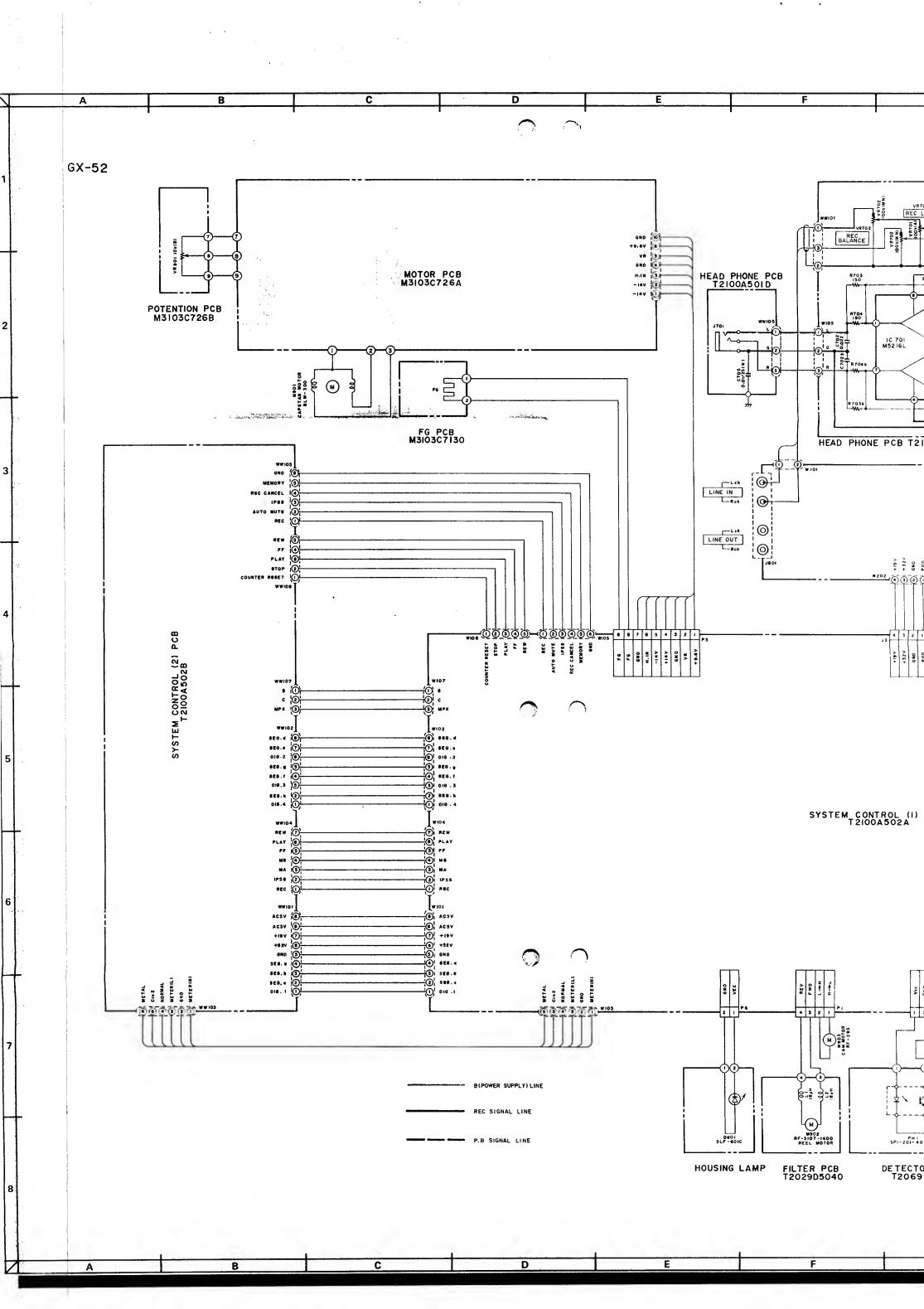
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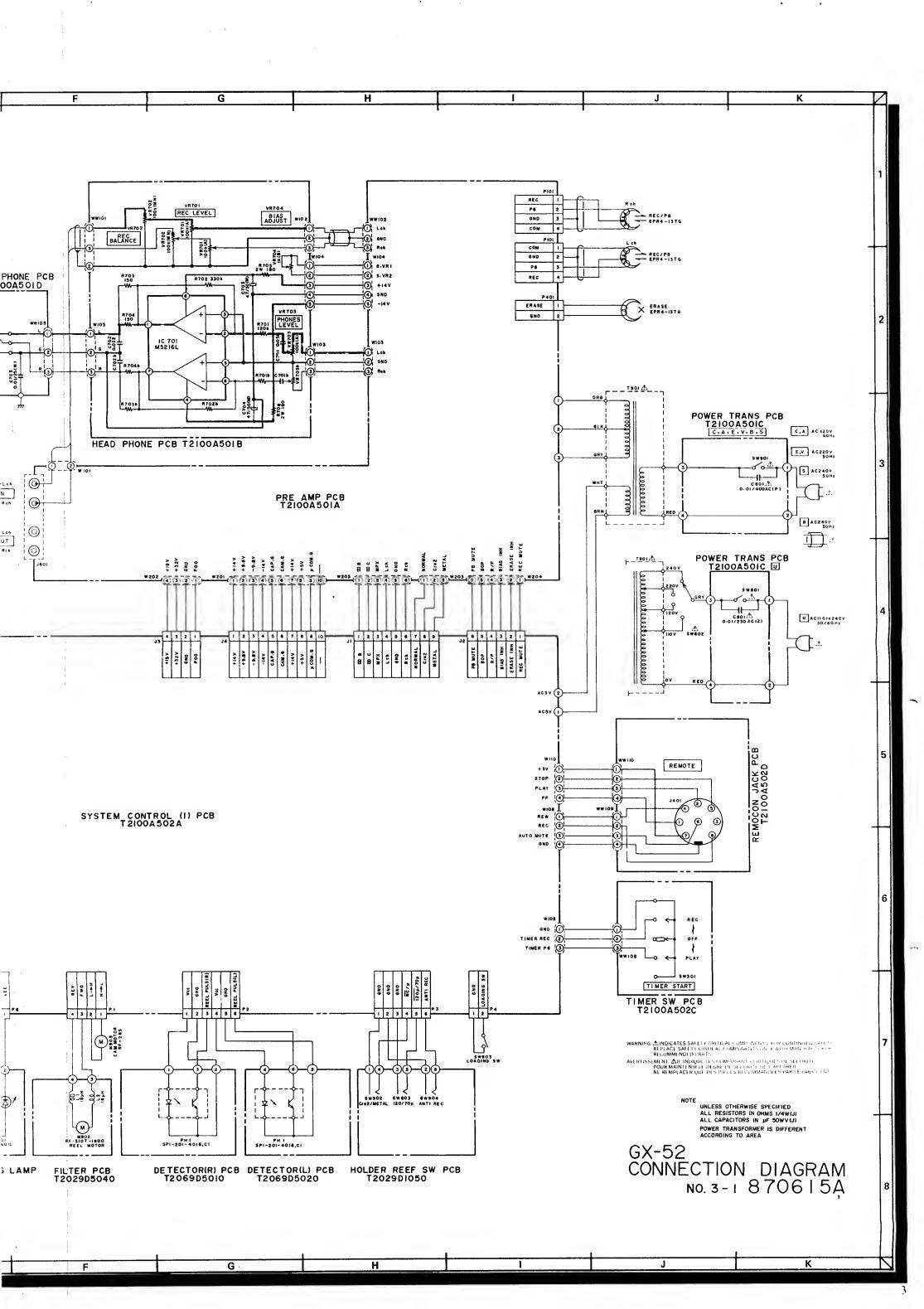


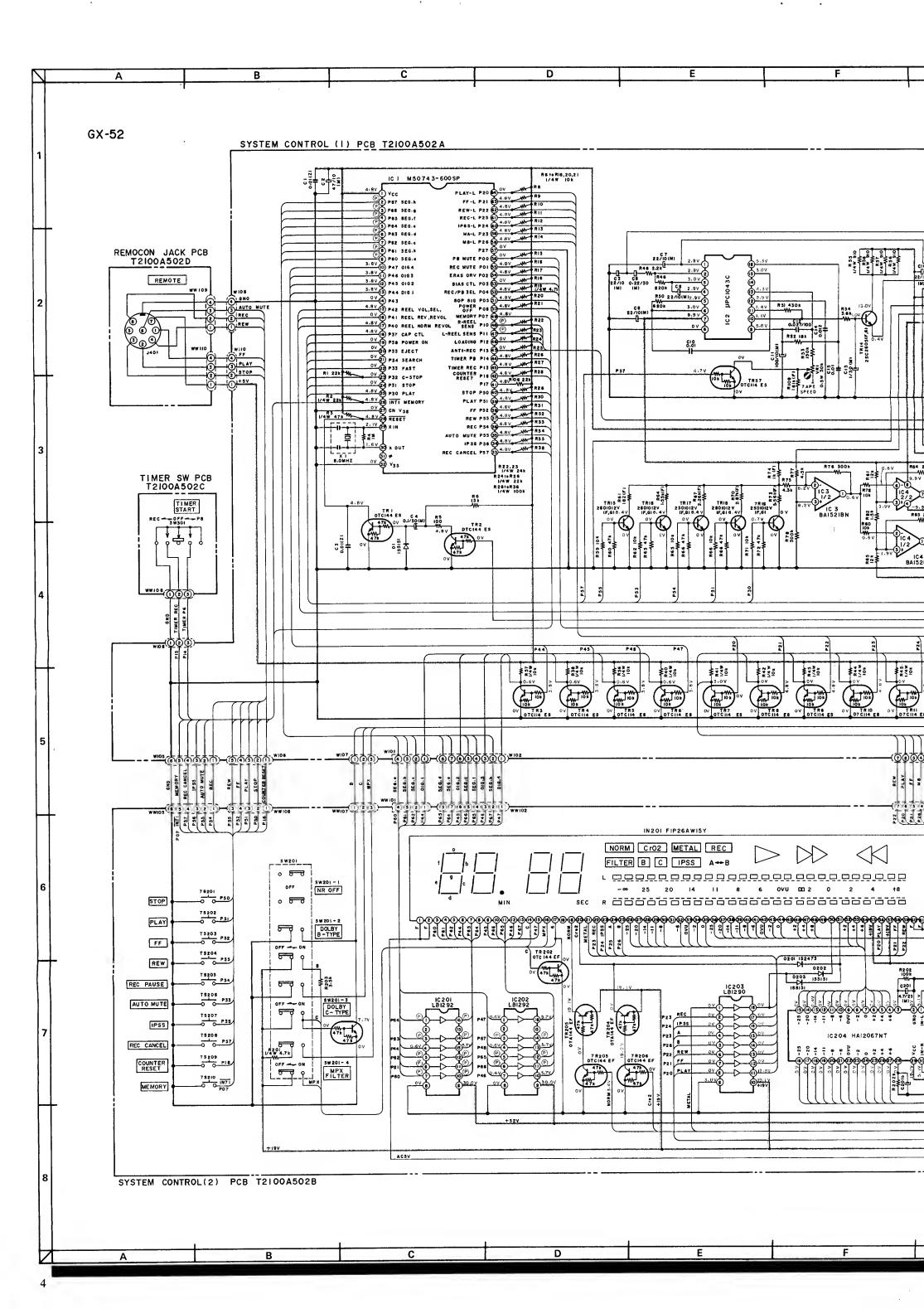
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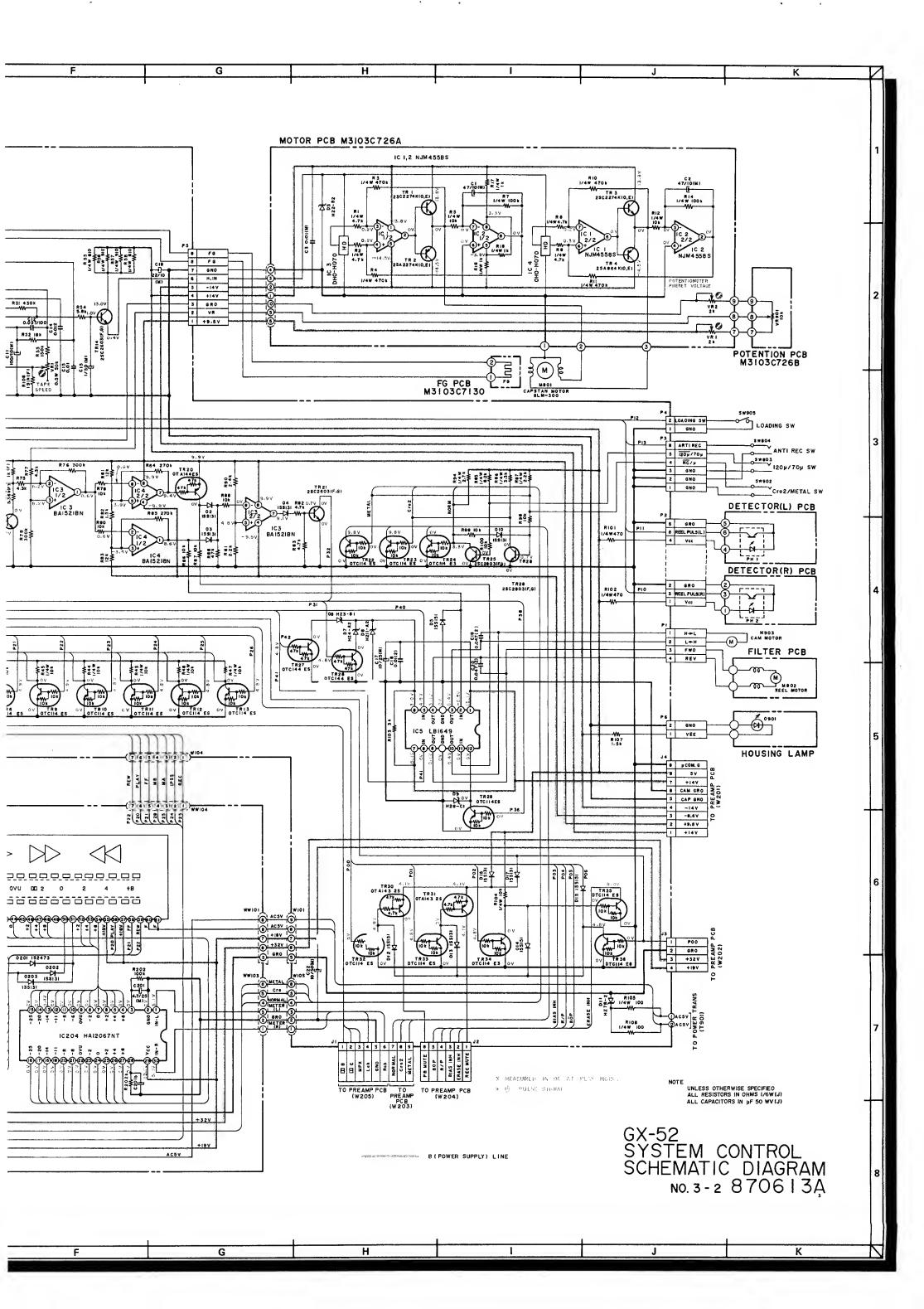
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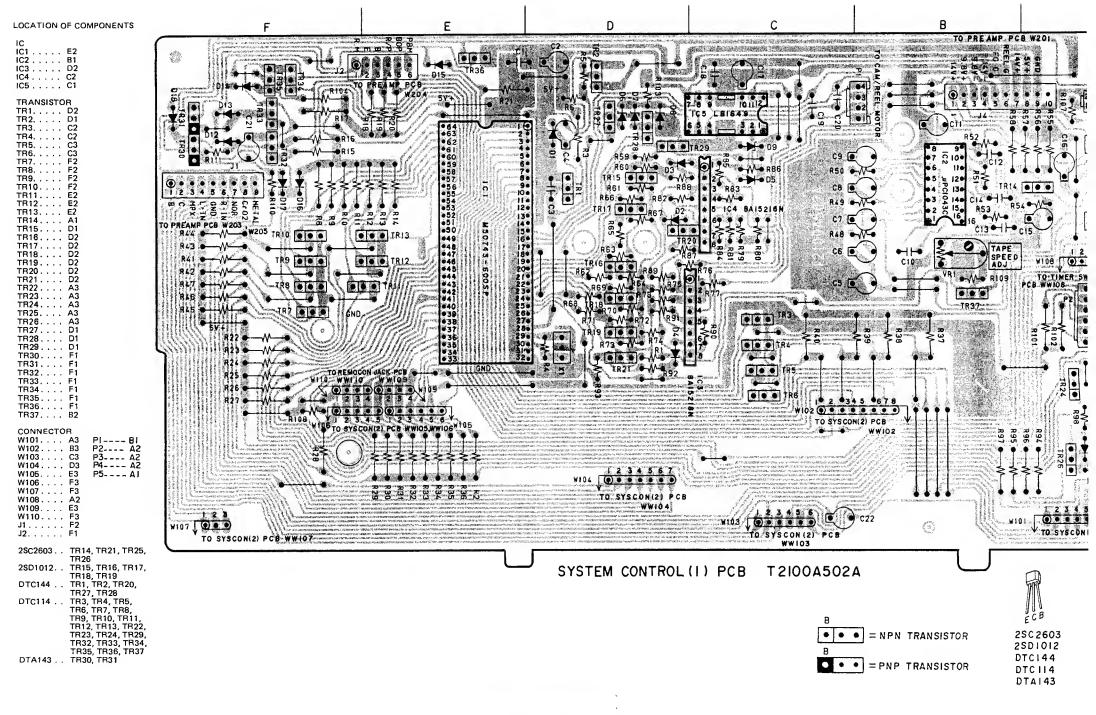
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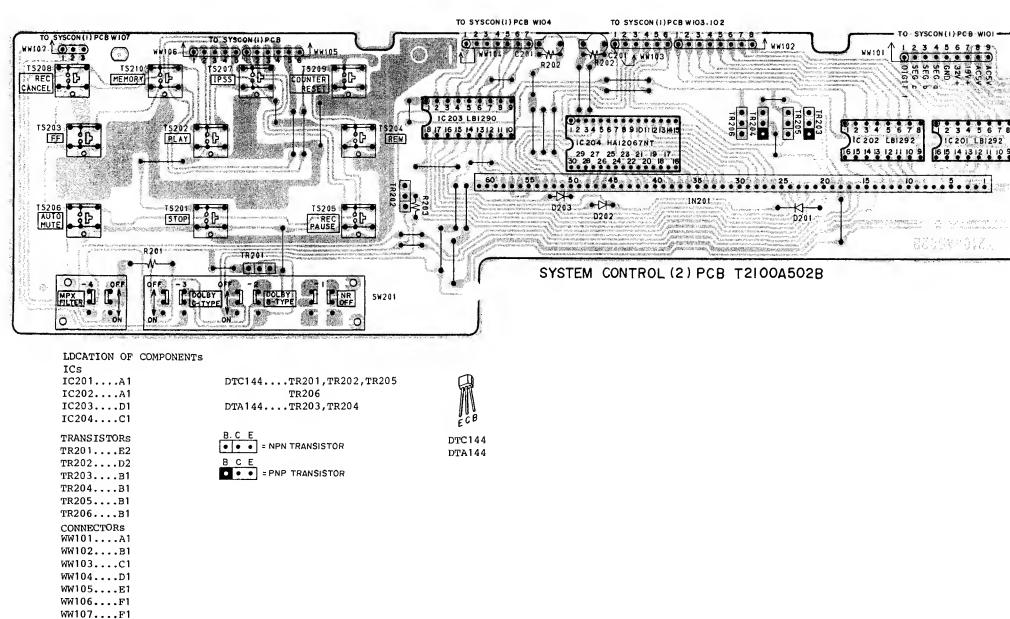


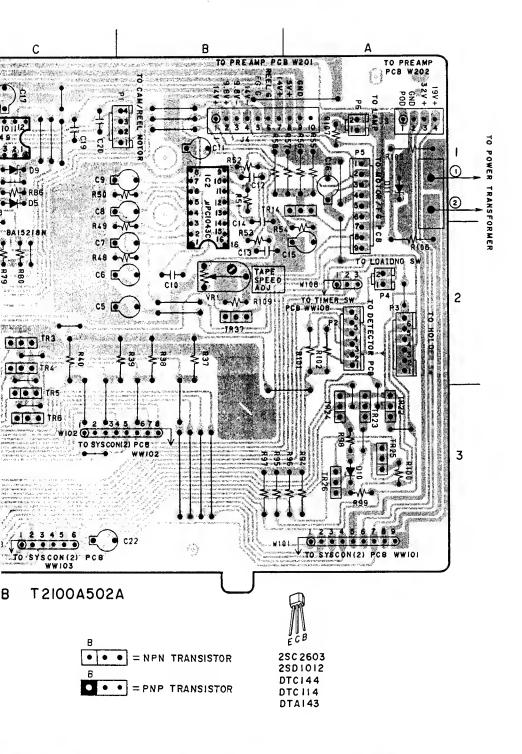


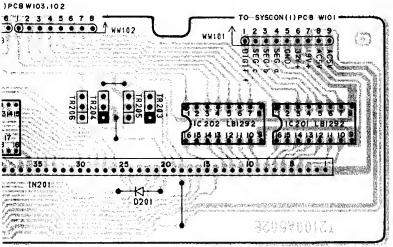




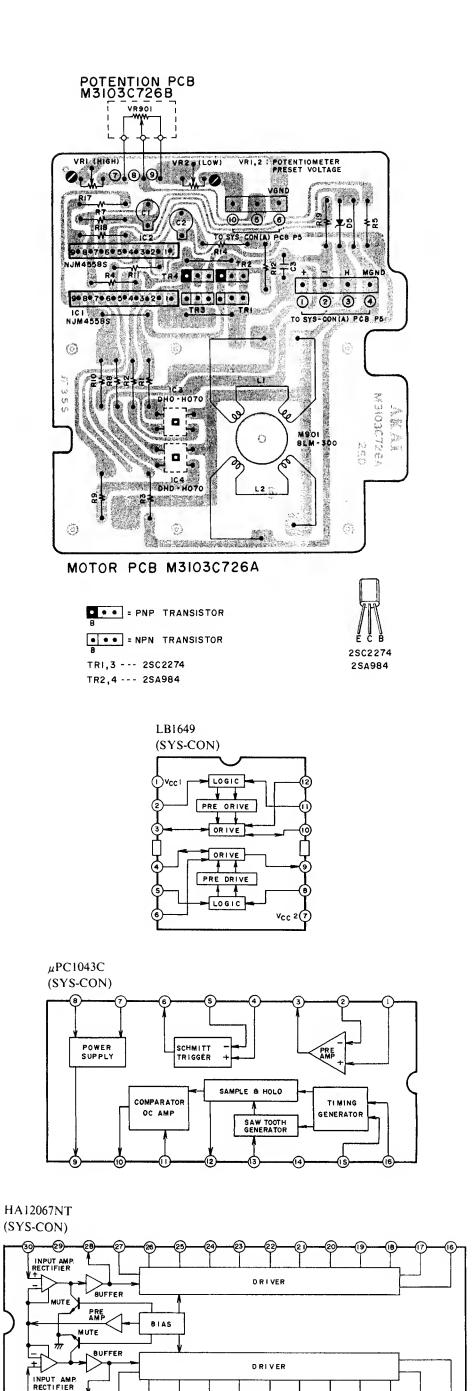


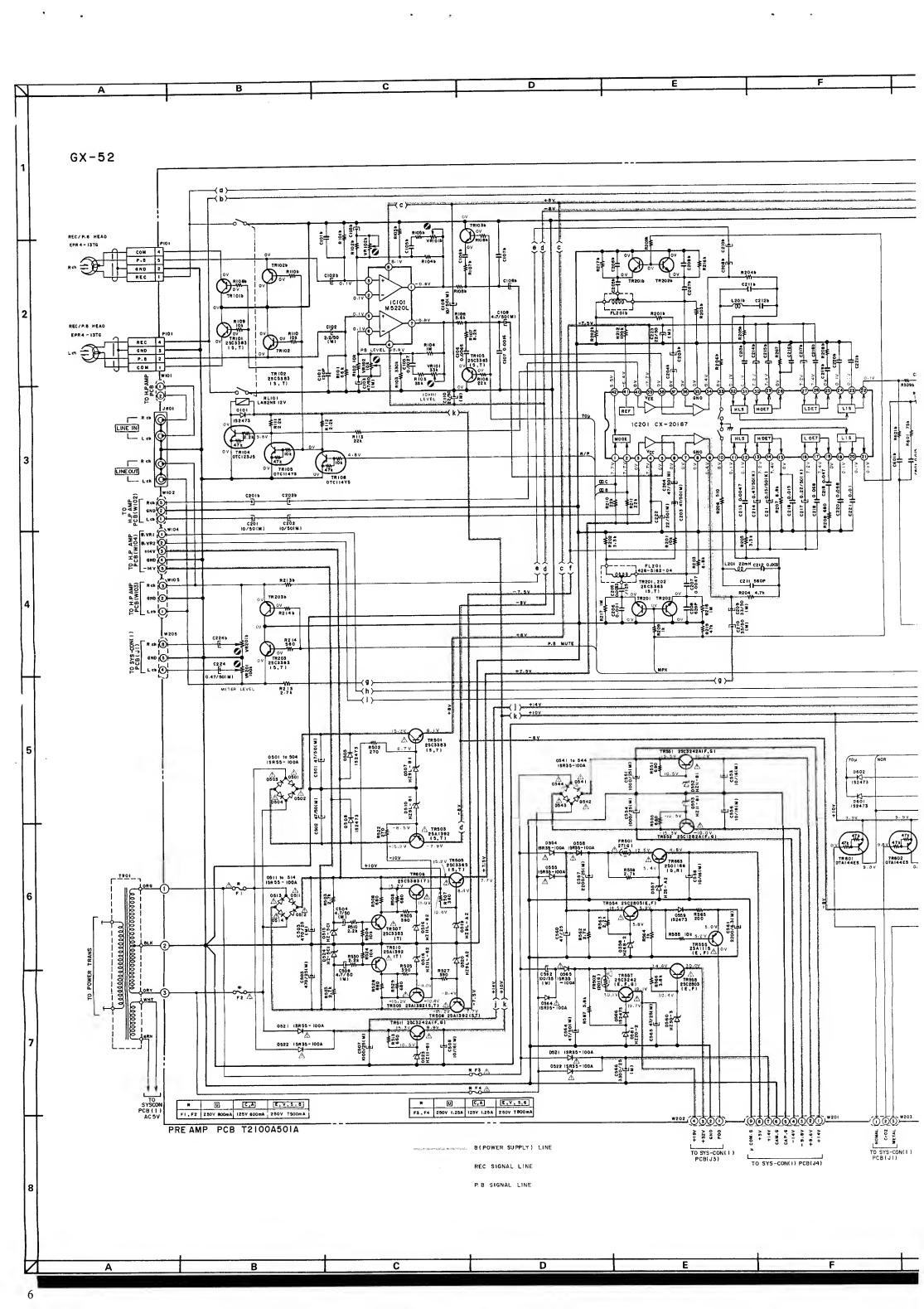


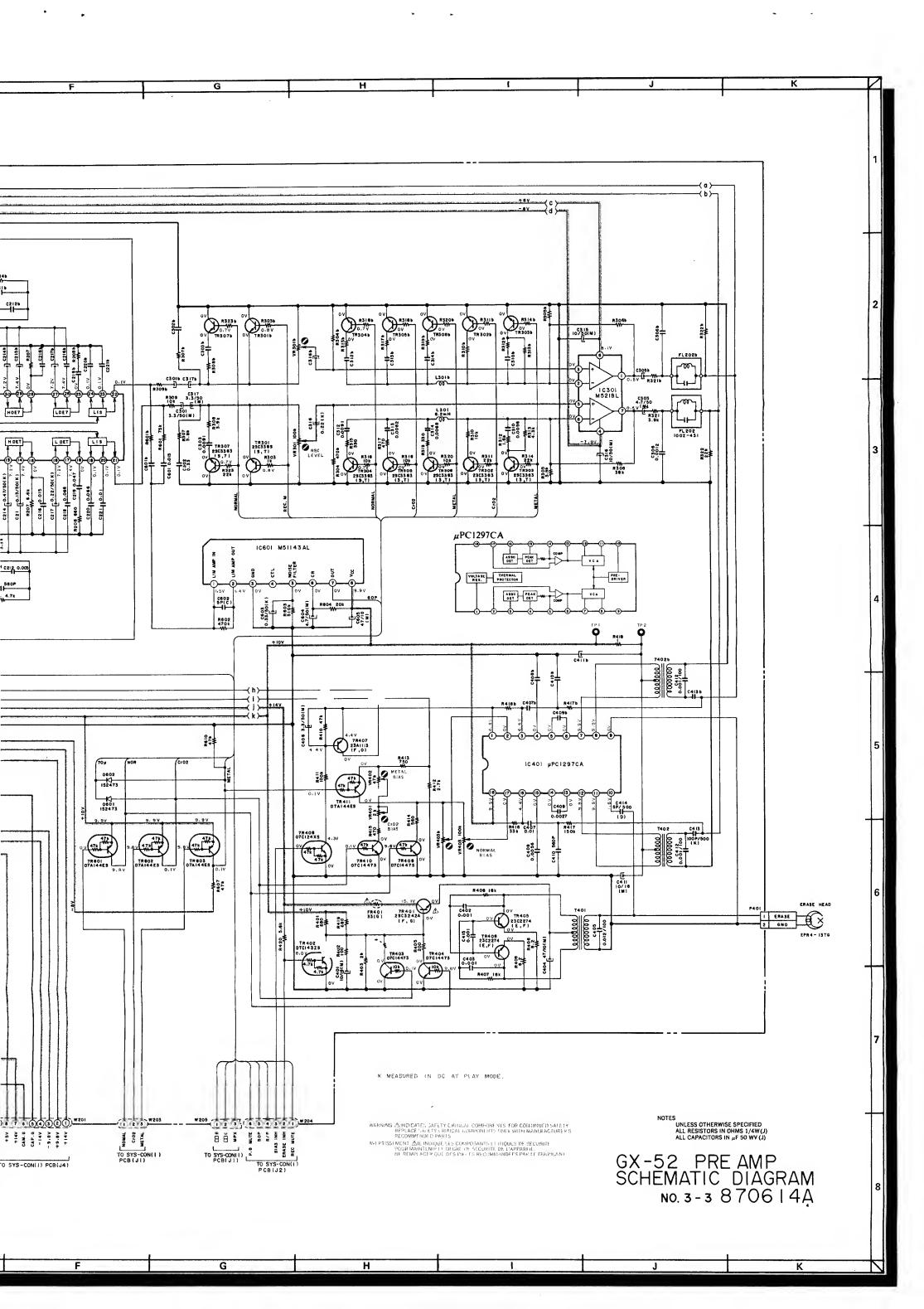


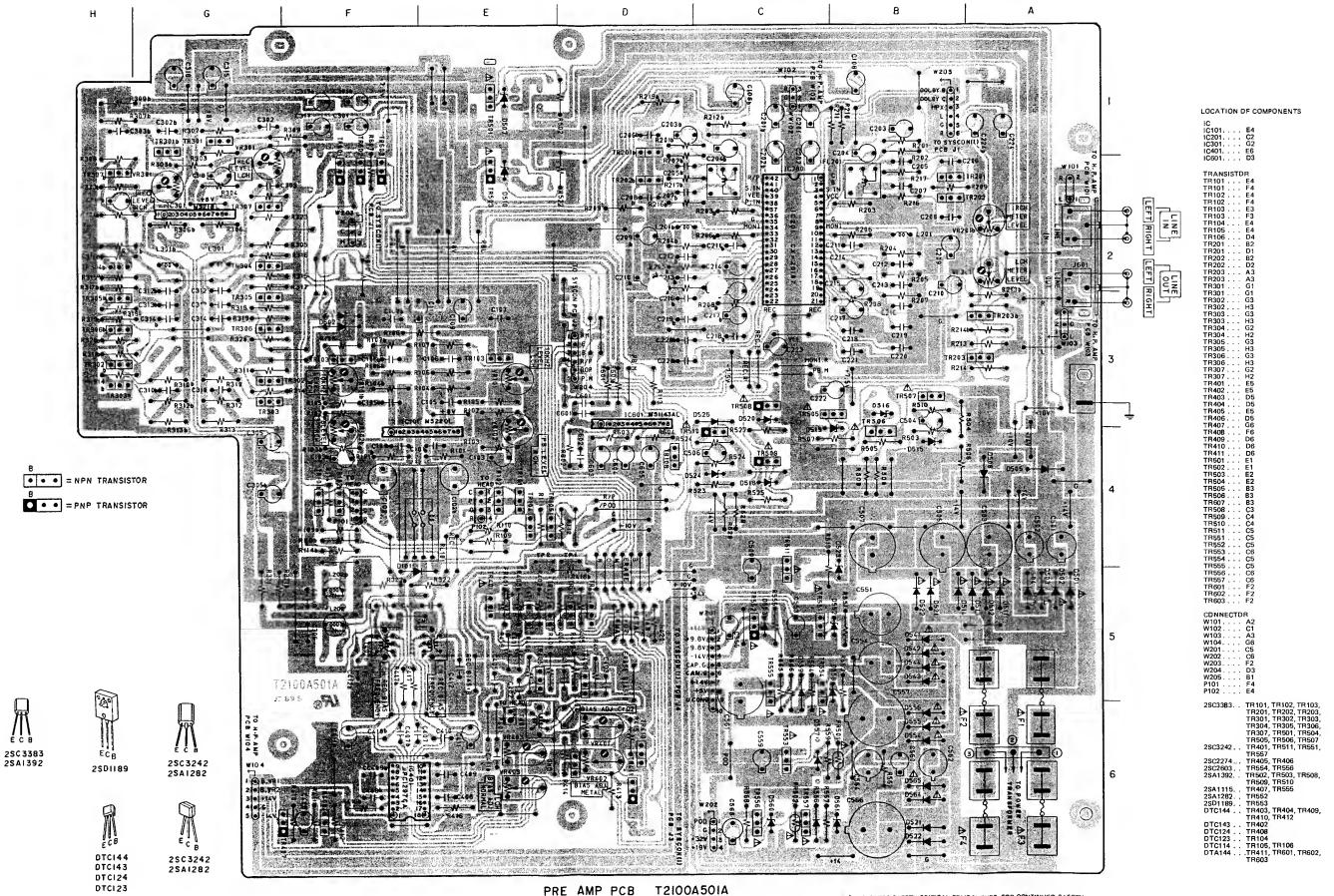


\_(2) PCB T2100A502B









WARNING. AINDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS

AVERTISSEMENT: ALL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÈCES RECOMMANDEES PAR LE FABRICANT

